

# Rasco

*Bitumentchnik GmbH*

## PRODUCT CATALOGUE

BITUMEN IS  
OUR WORLD

A close-up photograph of numerous water droplets of various sizes on a dark, reflective surface. The droplets are illuminated from the side, creating bright highlights and deep shadows, giving them a three-dimensional appearance. The background is a dark, gradient grey.

**Rasco**  
Bitumentchnik GmbH

COMPONENTE B

**Rasco**  
Bitumentchnik GmbH

## Rasco 2K PMBC poly classic

Two component, polymer modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533

- Solvent free and environmentally friendly
- Filled with polystyrene
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying

- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Rain resistant shortly
- Rapid hardening
- Frost-free at least 12 months shelf life



# BITUMEN IS OUR WORLD

**Rasco Bitumentchnik GmbH** is one of the Europe's leading specialists for bitumen-based waterproofing of buildings. Rasco focuses on the development, manufacture and sale of high quality building protection products, for example polymer-modified thick coatings and self-adhesive waterproofing membranes.

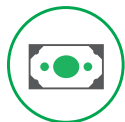
# Our Expertise

- The development, production and testing of bituminous waterproofing systems
- Individual product development to customer requirements
- Professional, lasting and consistently high quality
- Comprehensive and fast service
- Technical application support in all aspects of building waterproofing
- Training and advice in product marketing and application



# Your Advantages with Rasco as a private Label supplier

As a private label producer in all distribution channels, we as Rasco know what it means to support our trading partners in the best possible way.



**REDUCTION OF MARKET ENTRY COSTS**



**PORTFOLIO OPTIMISATION WITHOUT DEVELOPMENT AND PRODUCTION EXPENSES**



**MINIMUM RISK, THANKS TO YEARS OF BITUMEN EXPERTISE**



**STOCK LEVEL REDUCTION AND REDUCTION OF WAREHOUSING COSTS**



**CERTIFIED PRODUCT QUALITY**



**FULL CONTROL OF PACKAGING LAYOUTS**

## Market launch support



### CUSTOMER TRAINING

- Training for application of Rasco products on site, or in seminars
- Training to meet the latest changes in the field of standards and guidelines

### PRODUCTION

- Alteration of existing product formulations to meet customer wishes through adjustment of many different product parameters
- Close collaboration with customers

### LAYOUT DESIGN

- Support in layout design and choice of containers
- Quality control of customer labels
- Label preparation by Rasco

### LOGISTICS

- Free shipping or collection from Rasco warehouse
- Deliveries within Germany and internationally

# 1993

Founding of the company in Augustdorf in Eastern-Westphalia. Development and production of anionic bitumen emulsions.

# 1995

Development and production of 1 component and 2 component bitumen thick coatings for private label customers.

# 2006

Takeover by MAPEI, largest manufacturer of adhesives, waterproofing and chemical products for the construction industry.

# 2008

Successful market launch of solvent-free bitumen products for roofing applications.

# 2018

25th Company Anniversary.

# 1999

Development and production of cold self-adhesive waterproofing membranes for buildings.

# 2001

Extension of the company premises by an additional 8,000m<sup>2</sup> of warehousing and logistics space.

# 2013

20th Company Anniversary. Introduction of Rasco Quality Management System in accordance with ISO 9001.

# 2016

Introduction of special sprayable products with sustainable packaging solutions.



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solvent-free



applicable by spray



ready to use



filled with polystyrene



applicable by trowel



temperature -5°C to 30°C



fibre-reinforced



applicable by roll



temperature 5°C to 30°C



easily plastered over



applicable by brush



temperature 10°C to 45°C



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UV-resistant



impervious to radon



as dampproof course



impervious to methane



certified



flexible and elastic



double-sided adhesive



rapid hardening



with vulcanisation strip



HDPE-film



cross-laminated HDPE-film



# PMBC SEALING SYSTEM

# Product overview

This table shows the most important product features of Rasco PMBC's to get a brief overview of the PMBC product portofolio diversity.

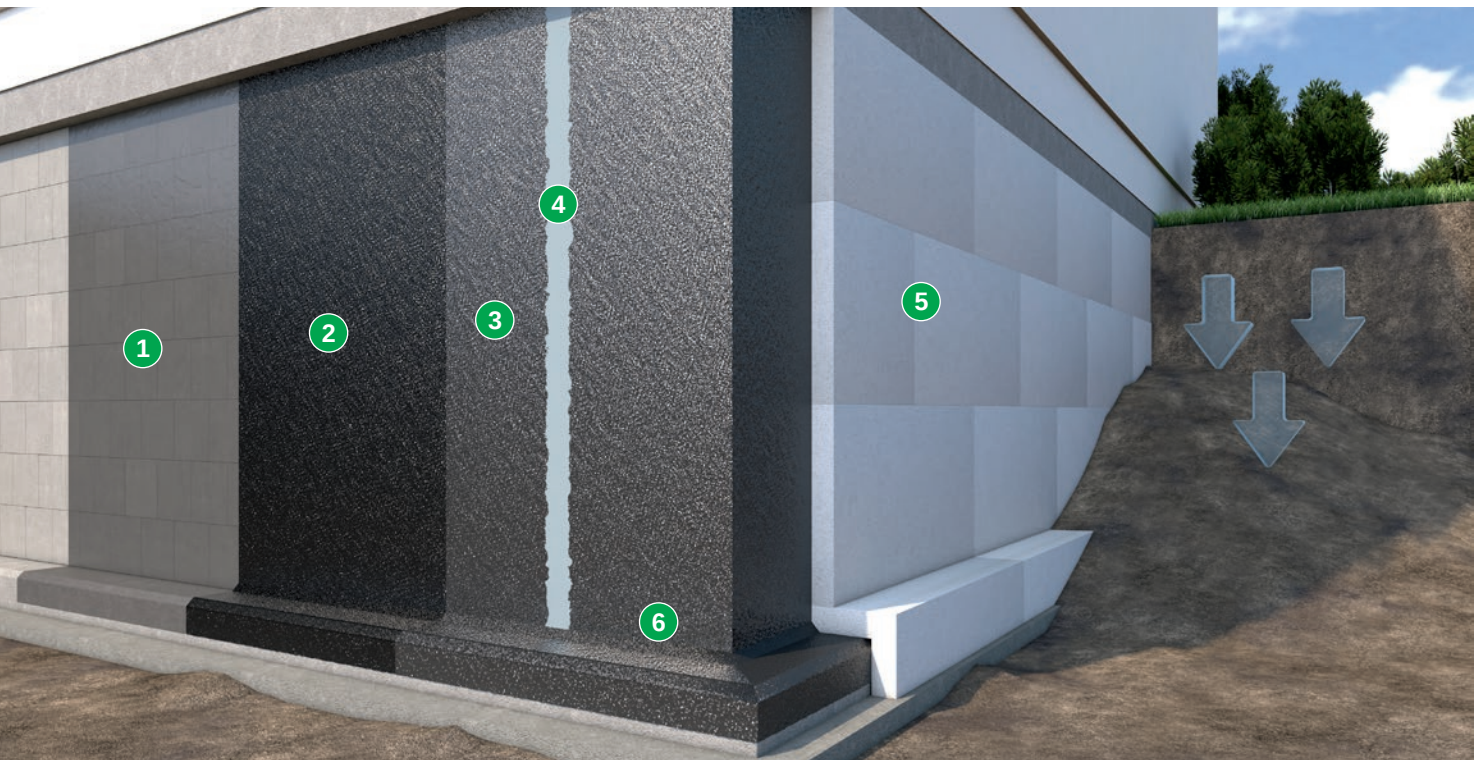
PRODUCT				W1-E	W2.1-E + abP	W3-E	W4-E	CE EN 15814	Page
Rasco 1K PMBC eco	✓			✓			✓	✓	17
Rasco 1K PMBC classic	✓			✓		✓	✓	✓	19
Rasco 1K PMBC classic S	✓		✓	✓		✓	✓	✓	21
Rasco 1K PMBC low shrinkage	✓			✓	✓	✓	✓	✓	23
Rasco 1K PMBC low shrinkage S	✓		✓	✓	✓	✓	✓	✓	25
Rasco 2K PMBC classic		✓		✓		✓	✓	✓	27
Rasco 2K PMBC poly classic	✓			✓		✓	✓	✓	29
Rasco 2K PMBC low shrinkage		✓		✓	✓	✓	✓	✓	31
Rasco 2K PMBC poly shrinkage	✓			✓	✓	✓	✓	✓	33
Rasco 2K Bitumen Reactive Sealant			✓	✓	✓	✓	✓	✓	35
Rasco 1K PMBC GP								✓	37
Rasco 1K PMBC IT								✓	39
Rasco 1K PMBC fibre reinforced CE		✓						✓	41
Rasco 2K PMBC EQ		✓							43
Rasco 2K PMBC T		✓							45

# PMBC Sealing System W1-E

Ground damp and pressure-free water

The Rasco product portfolio for the sealing of underground structures in the water load case W1-E (ground damp and pressure-free water) with PMBC according to DIN 18533 part 3 includes all necessary products from priming up to surface sealing including the system products for joint sealing, panel adhesion and fillet formation.

Of course, all products meet the requirements of the currently valid standard DIN 18533 and are in accordance with EN 15814 CE certified (PMBC).



1 PRIMING	Page	4 JOINT SEALING	Page
Rasco Bitumen Primer	47	Rasco Joint Sealing Tape PVC	50
Rasco Bitumen Primer Concentrate	48	Rasco Joint Sealing Tape PVC-E	51
Rasco 2K Panel Adhesive Special (A component)	35		
2 3 SURFACE SEALING	Page	5 PANEL ADHESION	Page
Rasco 1K PMBC eco	17	Rasco 2K Panel Adhesive Special	52
Rasco 1K PMBC classic <sup>1</sup>	19		
Rasco 1K PMBC classic S	21		
Rasco 1K PMBC low shrinkage <sup>1</sup>	23	6 FILLET FORMATION	Page
Rasco 1K PMBC low shrinkage S	25	Rasco 2K PMBC classic	27
Rasco 2K PMBC classic	27	Rasco 2K PMBC poly classic	29
Rasco 2K PMBC poly classic	29	Rasco 2K PMBC low shrinkage	31
Rasco 2K PMBC low shrinkage	31	Rasco 2K PMBC poly low shrinkage	33
Rasco 2K PMBC poly low shrinkage	33		
Rasco 2K Bitumen Reactive Sealant	35		

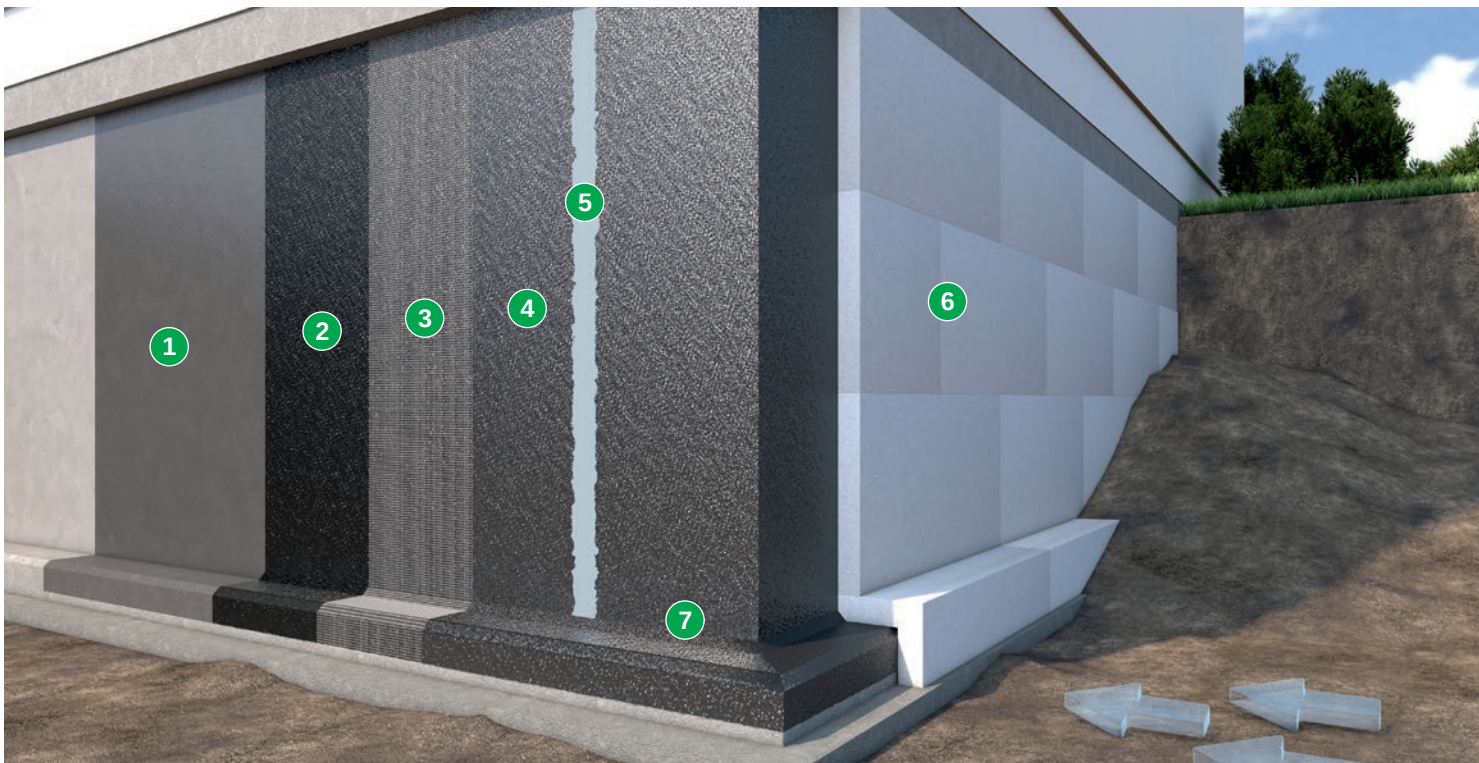
<sup>1</sup> also for use in combination with Rasco Accelerating Agent

# PMBC Sealing System W2.1-E

Moderate action of pressing water ≤ 3 m immersion depth

The Rasco product portfolio for the sealing of underground structures in the water load case W2.1-E (moderate action of pressing water ≤ 3 m immersion depth) with PMBC according to DIN 18533 part 3 includes all necessary products from priming up to surface sealing including the system products for joint sealing, panel adhesion and fillet formation and a reinforcement mesh.

Of course, all products meet the requirements of the currently valid standard DIN 18533 and are in accordance with EN 15814 CE certified (PMBC).



<b>1 PRIMING</b>	Page	<b>5 JOINT SEALING</b>	Page
Rasco Bitumen Primer	47	Rasco Joint Sealing Tape PVC	50
Rasco Bitumen Primer Concentrate	48	Rasco Joint Sealing Tape PVC-E	51
Rasco 2K Panel Adhesive Special (A component)	35		
<b>2 4 SURFACE SEALING</b>	Page	<b>6 PANEL ADHESION</b>	Page
Rasco 1K PMBC low shrinkage <sup>1</sup>	23	Rasco 2K Panel Adhesive Special	52
Rasco 1K PMBC low shrinkage S	25		
Rasco 2K PMBC low shrinkage	31		
Rasco 2K PMBC poly low shrinkage	33		
Rasco 2K Bitumen Reactive Sealant <sup>2</sup>	35		
<b>3 REINFORCEMENT MESH</b>	Page	<b>6 FILLET FORMATION</b>	Page
Rasco Reinforcement Mesh	49	Rasco 2K PMBC low shrinkage	31
		Rasco 2K PMBC poly low shrinkage	33

<sup>1</sup> also for use in combination with Rasco Accelerating Agent

<sup>2</sup> not in combination with Rasco Reinforcement Mesh

# PMBC Sealing System W3-E

## Pressure-free water on earth-covered ceilings

The Rasco product portfolio for the sealing of underground structures in the water load case W3-E (pressure-free water on earth-covered ceilings) with PMBC according to DIN 18533 part 3 includes all necessary products from priming up to surface sealing including the system products for joint sealing, panel adhesion and a reinforcement mesh.

Of course, all products meet the requirements of the currently valid standard DIN 18533 and are in accordance with EN 15814 CE certified (PMBC).



1 PRIMING	Page	3 REINFORCEMENT MESH	Page
Rasco Bitumen Primer	47	Rasco Reinforcement Mesh	49
Rasco Bitumen Primer Concentrate	48		
Rasco 2K Panel Adhesive Special (A component)	35		
2 4 SURFACE SEALING	Page	5 PANEL ADHESION	Page
Rasco 1K PMBC classic <sup>1</sup>	19	Rasco 2K Panel Adhesive Special	52
Rasco 1K PMBC classic S	21		
Rasco 1K PMBC low shrinkage <sup>1</sup>	23		
Rasco 1K PMBC low shrinkage S	25		
Rasco 2K PMBC classic	27		
Rasco 2K PMBC poly classic	29		
Rasco 2K PMBC low shrinkage	31		
Rasco 2K PMBC poly low shrinkage	33		
Rasco 2K Bitumen Reactive Sealant <sup>2</sup>	35		

<sup>1</sup> also for use in combination with Rasco Accelerating Agent

<sup>2</sup> not in combination with Rasco Reinforcement Mesh

# PMBC Sealing System W4-E

## Splash water and ground damp at wall base

The Rasco product portfolio for the sealing of underground structures in the water load case W4-E (splash water and ground damp at wall base) with PMBC according to DIN 18533 part 3 includes all necessary products from priming up to surface sealing including a panel adhesion product.

Of course, all products meet the requirements of the currently valid standard DIN 18533 and are in accordance with EN 15814 CE certified (PMBC).



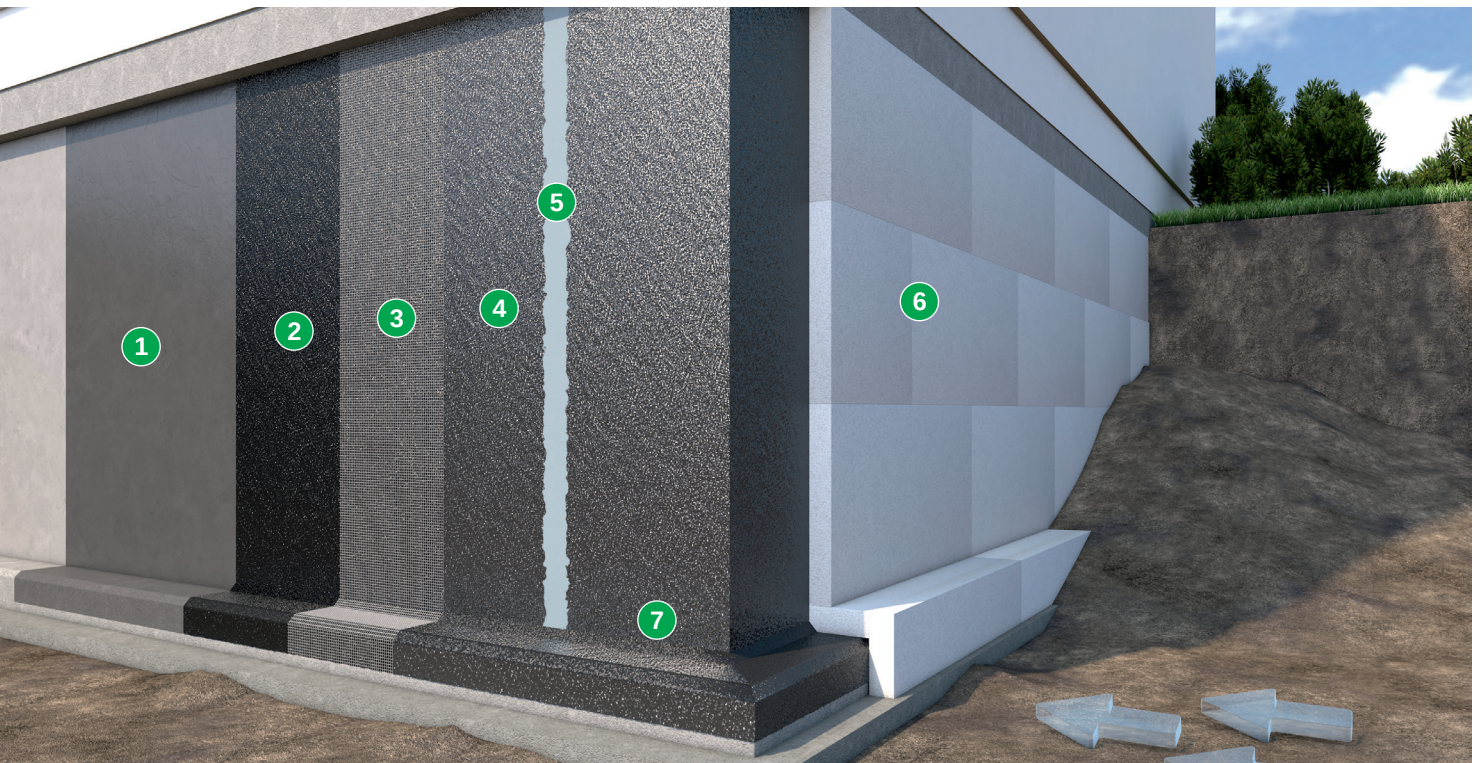
1 PRIMING	Page	4 PANEL ADHESION	Page
Rasco Bitumen Primer	47	Rasco 2K Panel Adhesive Special	52
Rasco Bitumen Primer Concentrate	48		
Rasco 2K Panel Adhesive Special (A component)	35		
2 3 SURFACE SEALING		Page	
Rasco 1K PMBC eco	17		
Rasco 1K PMBC classic <sup>1</sup>	19		
Rasco 1K PMBC classic S	21		
Rasco 1K PMBC low shrinkage <sup>1</sup>	23		
Rasco 1K PMBC low shrinkage S	25		
Rasco 2K PMBC classic	27		
Rasco 2K PMBC poly classic	29		
Rasco 2K PMBC low shrinkage	31		
Rasco 2K PMBC poly low shrinkage	33		
Rasco 2K Bitumen Reactive Sealant	35		

<sup>1</sup> also for use in combination with Rasco Accelerating Agent

# PMBC Sealing System according to EN 15814

The Rasco product portfolio for the sealing of underground structures with PMBC according to EN 15814 includes all necessary products from priming up to surface sealing including the system products for joint sealing, panel adhesion, fillet formation and a reinforcement mesh.

Of course, all products are in accordance with EN 15814 CE certified (PMBC)



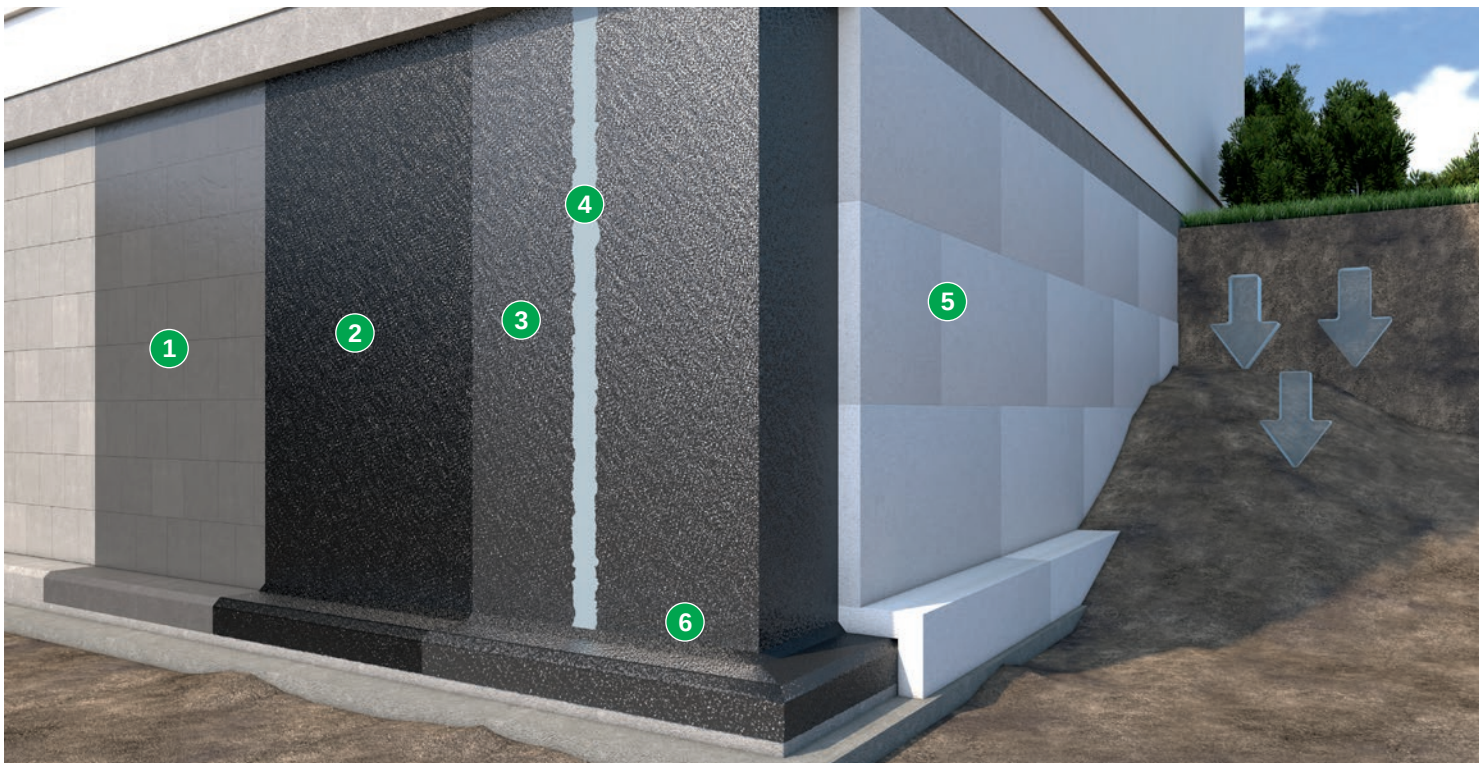
<b>1 PRIMING</b>	Page	<b>5 JOINT SEALING</b>	Page
Rasco Bitumen Primer	47	Rasco Joint Sealing Tape PVC	50
Rasco Bitumen Primer Concentrate	48	Rasco Joint Sealing Tape PVC-E	51
<b>2 4 SURFACE SEALING</b>	Page	<b>6 PANEL ADHESION</b>	Page
Rasco 1K PMBC GP	37	Rasco 2K Panel Adhesive Special	52
Rasco 1K PMBC IT	39		
Rasco 1K PMBC fibre reinforced CE	41	<b>7 FILLET FORMATION</b>	Page
Rascorol Pro	85	Rasco 2K PMBC T	45
Rasco Bitumen Black Coating F	88		
<b>3 REINFORCEMENT MESH</b>	Page		
Rasco Reinforcement Mesh	49		



# PMBC Sealing System for low load cases

The Rasco product portfolio for the sealing of underground structures in low load cases includes all necessary products from priming up to surface sealing including the system products for joint sealing, panel adhesion and fillet formation.

Of course, all products are in accordance with EN 15814 CE certified (PMBC).



<b>1 PRIMING</b>	<b>Page</b>	<b>4 JOINT SEALING</b>	<b>Page</b>
Rasco Bitumen Primer	47	Rasco Joint Sealing Tape PVC	50
Rasco Bitumen Primer Concentrate	48	Rasco Joint Sealing Tape PVC-E	51
<b>2 3 SURFACE SEALING</b>	<b>Page</b>	<b>5 PANEL ADHESION</b>	<b>Page</b>
Rasco 2K PMBC EQ	43	Rasco 2K Panel Adhesive Special	52
Rasco 2K PMBC T	45		
		<b>6 FILLET FORMATION</b>	<b>Page</b>
		Rasco 2K PMBC T	45

# Rasco 1K PMBC eco



Single component, polymer-modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Filled with polystyrene
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Ready to use
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Density	0.65 kg/l
Material shrinkage	20%
Complete hardening / full loading capacity*	3 days
Rain resistance after*	5-6 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature

### PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet, pallet weight approx. 400 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 350 kg

### WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	3.75 mm	3.75 l/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.75 mm	3.75 l/m <sup>2</sup>
Scratch coating			1-2 l/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 1K PMBC classic



Single component, polymer-modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



EN 15814

**PRODUCT FEATURES**

- Solvent-free and environmentally friendly
- Filled with polystyrene
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Ready to use
- Frost-free at least 12 months shelf-life

**TECHNICAL DATA**

Density	0.65 kg/l
Material shrinkage	19%
Complete hardening / full loading capacity*	4 days
Rain resistance after*	5 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity  
 \*\* Temperature: component, installation and ambient temperature

**PACKAGING UNITS**

- 30 l bucket, 18 buckets / pallet, pallet weight approx. 400 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 350 kg

**WATER INFLUENCE CLASSES**

	<b>MDLT</b>	<b>WLT</b>	<b>CONSUMPTION</b>
W1-E (ground damp and pressure-free water)	3 mm	3.70 mm	3.70 l/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	4.94 mm	4.94 l/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.70 mm	3.70 l/m <sup>2</sup>
Scratch coating			1-2 l/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 1K PMBC classic S



Single component, polymer-modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Filled with polystyrene
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Ready to use
- Very good application when sprayed with suitable airless spraying equipment
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density	0.65 kg/l
Material shrinkage	19%
Complete hardening / full loading capacity*	4 days
Rain resistance after*	5 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 1,000 l container
- 30 l bucket, 18 buckets / pallet, pallet weight approx. 400 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 350 kg

## WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	3.70 mm	3.70 l/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	4.94 mm	4.94 l/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.70 mm	3.70 l/m <sup>2</sup>
Scratch coating			1-2 l/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 1K PMBC low shrinkage



Single component, polymer-modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533 - also against water under pressure

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W2.1-E (moderate action of pressing water  $\leq 3$  m immersion depth), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.





## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Filled with polystyrene
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Ready to use
- Impervious to radon
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density	0.65 kg/l
Material shrinkage	14%
Complete hardening / full loading capacity*	4 days
Rain resistance after*	3-4 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet, pallet weight approx. 400 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 350 kg

## WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	3.49 mm	3.49 l/m <sup>2</sup>
W2.1-E (moderate action of pressing water ≤ 3 m immersion depth)	4 mm	4.65 mm	4.65 l/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	4.65 mm	4.65 l/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.49 mm	3.49 l/m <sup>2</sup>
Scratch coating			1-2 l/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 1K PMBC low shrinkage S



Single component, polymer-modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533 - also against water under pressure

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W2.1-E (moderate action of pressing water  $\leq 3$  m immersion depth), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
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- Impervious to radon
- Very good application when sprayed with suitable airless spraying equipment
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density	0.65 kg/l
Material shrinkage	16%
Complete hardening / full loading capacity*	4 days
Rain resistance after*	3-4 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 1,000 l container
- 30 l bucket, 18 buckets / pallet, pallet weight approx. 400 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 350 kg

## WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	3.57 mm	3.57 l/m <sup>2</sup>
W2.1-E (moderate action of pressing water ≤ 3 m immersion depth)	4 mm	4.76 mm	4.76 l/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	4.76 mm	4.76 l/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.57 mm	3.57 l/m <sup>2</sup>
Scratch coating			1-2 l/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 2K PMBC classic



Two component, polymer-modified, fibre-reinforced bitumen thick coating (PMBC) for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Fibre-reinforced
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Rain resistant shortly
- Rapid hardening
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density	1.10 kg/l
Material shrinkage	28%
Complete hardening / full loading capacity*	2-3 days
Rain resistance after*	5 hours
Setting time*	min. 1-2 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet (combipack with inliner), pallet weight approx. 585 kg
- A component 22 kg, B component 8 kg

## WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	4.17 mm	4.58 kg/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	5.56 mm	6.11 kg/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	4.17 mm	4.58 kg/m <sup>2</sup>
Scratch coating			1-2 kg/m <sup>2</sup>
Gluing insulation and drainage panels			1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 2K PMBC poly classic



Two component, polymer-modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Filled with polystyrene
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Rain resistant shortly
- Rapid hardening
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density A	0.65 kg/l
Density B	1.54 kg/l
Material shrinkage	20%
Complete hardening / full loading capacity*	2-3 days
Rain resistance after*	5-6 hours
Setting time*	min. 1-2 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet (combipack with inliner), pallet weight approx. 440 kg
- A component 17.6 kg, B component 4.4 kg

## WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	3.75 mm	3.75 l/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	5.00 mm	5.00 l/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.75 mm	3.75 l/m <sup>2</sup>
Scratch coating			1-2 l/m <sup>2</sup>
Gluing insulation and drainage panels			1-2 l/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 2K PMBC low shrinkage



Two component, polymer-modified, fibre-reinforced bitumen thick coating (PMBC) for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533 - also against water under pressure

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W2.1-E (moderate action of pressing water  $\leq 3$  m immersion depth), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.





## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Fibre-reinforced
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Rain resistant shortly
- Rapid hardening
- Impervious to radon
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density	1.10 kg/l
Material shrinkage	24%
Complete hardening / full loading capacity*	1-2 days
Rain resistance after*	4 hours
Setting time*	min. 1-2 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet (combipack with inliner), pallet weight approx. 585 kg
- A component 22 kg, B component 8 kg

## WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	3.95 mm	4.34 kg/m <sup>2</sup>
W2.1-E (moderate action of pressing water ≤ 3 m immersion depth)	4 mm	5.26 mm	5.79 kg/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	5.26 mm	5.79 kg/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.95 mm	4.34 kg/m <sup>2</sup>
Scratch coating			1-2 kg/m <sup>2</sup>
Gluing insulation and drainage panels			1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 2K PMBC poly low shrinkage



Two component, polymer-modified bitumen thick coating (PMBC) with polystyrene, for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533 - also against water under pressure

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W2.1-E (moderate action of pressing water  $\leq 3$  m immersion depth), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



**PRODUCT FEATURES**

- Solvent-free and environmentally friendly
- Filled with polystyrene
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Rain resistant shortly
- Rapid hardening
- Impervious to radon
- Frost-free at least 12 months shelf-life

**TECHNICAL DATA**

Density A	0.65 kg/l
Density B	1.55 kg/l
Material shrinkage	15%
Complete hardening / full loading capacity*	1-2 days
Rain resistance after*	5-6 hours
Setting time*	min. 1-2 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity  
 \*\* Temperature: component, installation and ambient temperature

**PACKAGING UNITS**

- 30 l bucket, 18 buckets / pallet (combipack with inliner), pallet weight approx. 460 kg
- A component 16.9 kg, B component 6 kg

**WATER INFLUENCE CLASSES**

	<b>MDLT</b>	<b>WLT</b>	<b>CONSUMPTION</b>
W1-E (ground damp and pressure-free water)	3 mm	3.53 mm	3.53 l/m <sup>2</sup>
W2.1-E (moderate action of pressing water ≤ 3 m immersion depth)	4 mm	4.71 mm	4.71 l/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	4.71 mm	4.71 l/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.53 mm	3.53 l/m <sup>2</sup>
Scratch coating			1-2 l/m <sup>2</sup>
Gluing insulation and drainage panels			1-2 l/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 2K Bitumen Reactive Sealant



Two component bitumen-latex emulsion for waterproofing of structures below ground in accordance with EN 15814 and DIN 18533 - also against water under pressure

Protects underground structures according to DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water), W2.1-E (moderate action of pressing water  $\leq 3$  m immersion depth), W3-E (pressure-free water on earth-covered ceilings) and W4-E (splash water and ground damp at wall base).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Crack-bridging and flexible
- Resistance to all aggressive substances that occur naturally in soils
- Impervious to radon
- Highly flexible > 1,500%
- Immediate resistance to rain
- Very good application when sprayed with suitable airless spraying equipment
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Density	1.00 kg/l
Material shrinkage	24%
Complete hardening / full loading capacity*	1-2 days
Rain resistance after*	immediate
Mixing ratio	10:1 (A:B)
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity  
 \*\* Temperature: component, installation and ambient temperature

### PACKAGING UNITS

- A component 1,000 kg container
- A component 500 kg container
- A component 200 kg barrel, 2 barrels / pallet
- B component 25 kg canister, 24 canisters / pallet, pallet weight approx. 650 kg
- B component 1,000 kg container

### WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
Priming (A component)			0.20 kg/m <sup>2</sup>
W1-E (ground damp and pressure-free water)	3 mm	3.95 mm	3.95 kg/m <sup>2</sup>
W2.1-E (moderate action of pressing water ≤ 3 m immersion depth)	4 mm	5.26 mm	5.26 kg/m <sup>2</sup>
W3-E (pressure-free water on earth-covered ceilings)	4 mm	5.26 mm	5.26 kg/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	3.95 mm	3.95 kg/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco 1K PMBC GP



Single component, polymer-modified bitumen thick coating (PMBC) for waterproofing of structures below ground in accordance with EN 15814

Protects underground structures permanently against ground damp (capillary water, retained water).

It can be applied to foundation slabs, foundations, balconies, terraces, underground garages, cellar walls and patios, prior application to older bituminous treatments and thick coatings as well as all known and suitable mineral substrates.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Ready to use
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Density	1.20 kg/l
Material shrinkage	32%
Complete hardening / full loading capacity*	4 days
Rain resistance after*	6 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature"

### PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 kg bucket, 44 buckets / pallet, pallet weight approx. 480 kg

### APPLICATION / LOAD CASE

### CONSUMPTION

Dry coat 3.0 mm	5.29 kg/m <sup>2</sup>
Dry coat 4.0 mm	7.06 kg/m <sup>2</sup>
Scratch coating	1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. These may increase according to the manner of application

# Rasco 1K PMBC IT



Single component, polymer-modified bitumen thick coating (PMBC) for waterproofing of structures below ground in accordance with EN 15814

Protects underground structures permanently against ground damp (capillary water, retained water).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations, balconies, terraces, underground garages, cellar walls and patios, prior application to older bituminous treatments and thick coatings as well as all known and suitable mineral substrates.



EN 15814



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Ready to use
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Density	1.20 kg/l
Material shrinkage	31%
Complete hardening / full loading capacity*	4 days
Rain resistance after*	6 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature"

### PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 kg bucket, 44 buckets / pallet, pallet weight approx. 480 kg

### APPLICATION / LOAD CASE

### CONSUMPTION

Dry coat 3.0 mm	5.22 kg/m <sup>2</sup>
Dry coat 4.0 mm	6.96 kg/m <sup>2</sup>
Scratch coating	1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. These may increase according to the manner of application

# Rasco 1K PMBC fibre reinforced CE



Single component, polymer-modified, fibre-reinforced bitumen thick coating (PMBC) for waterproofing of structures below ground in accordance with EN 15814

Protects underground structures permanently against ground damp (capillary water, retained water).

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations, balconies, terraces, underground garages, cellar walls and patios, prior application to older bituminous treatments and thick coatings as well as all known and suitable mineral substrates.



EN 15814

### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Fibre-reinforced
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Ready to use
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Density	1.00 kg/l
Material shrinkage	32%
Complete hardening / full loading capacity*	4 days
Rain resistance after*	8 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature"

### PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 kg bucket, 44 buckets / pallet, pallet weight approx. 480 kg

### APPLICATION / LOAD CASE

### CONSUMPTION

Dry coat 3.0 mm	4.41 kg/m <sup>2</sup>
Dry coat 4.0 mm	5.88 kg/m <sup>2</sup>
Scratch coating	1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. These may increase according to the manner of application

# Rasco 2K PMBC EQ



Two component, polymer-modified, fibre-reinforced bitumen thick coating (PMBC) for waterproofing of structures below ground

Protects underground structures permanently against ground damp (capillary water, retained water).

It can be applied to foundation slabs, foundations, balconies, terraces, underground garages, cellar walls and patios, prior application to older bituminous treatments and thick coatings as well as all known and suitable mineral substrates.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Fibre-reinforced
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Rain resistant shortly
- Rapid hardening
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Density	1.10 kg/l
Material shrinkage	37%
Complete hardening / full loading capacity*	3 days
Rain resistance after*	6 hours
Setting time*	min. 2-6 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature"

### PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet (combipack with inliner), pallet weight approx. 585 kg
- A component 22 kg, B component 8 kg

### APPLICATION / LOAD CASE

### CONSUMPTION

Dry coat 3.0 mm	5.24 kg/m <sup>2</sup>
Dry coat 4.0 mm	6.98 kg/m <sup>2</sup>
Scratch coating	1-2 kg/m <sup>2</sup>
Gluing insulation and drainage panels	1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. These may increase according to the manner of application

# Rasco 2K PMBC T



Two component, polymer-modified, fibre-reinforced bitumen thick coating (PMBC) for waterproofing of structures below ground

Protects underground structures permanently against ground damp (capillary water, retained water).

It can be applied to foundation slabs, foundations, balconies, terraces, underground garages, cellar walls and patios, prior application to older bituminous treatments and thick coatings as well as all known and suitable mineral substrates.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Fibre-reinforced
- Crack-bridging and flexible
- Easy processing
- Good stability
- Seamless hard-drying
- Applicable by trowel
- Rain resistant shortly
- Rapid hardening
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Density	1.10 kg/l
Material shrinkage	35%
Complete hardening / full loading capacity*	3 days
Rain resistance after*	5-6 hours
Setting time*	min. 2-6 hours
Working and drying temperature**	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature"

### PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet (combipack with inliner), pallet weight approx. 585 kg
- A component 22 kg, B component 8 kg

### APPLICATION / LOAD CASE

### CONSUMPTION

Dry coat 3.0 mm	5.08 kg/m <sup>2</sup>
Dry coat 4.0 mm	6.77 kg/m <sup>2</sup>
Scratch coating	1-2 kg/m <sup>2</sup>
Gluing insulation and drainage panels	1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. These may increase according to the manner of application

# Rasco Bitumen Primer

Solvent-free, adhesion-improving primer, based on bitumen emulsion for use with all Rasco bitumen thick coatings

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates as well as old pre-treated bituminous paints and thick coatings.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Easy processing
- Ready to use
- Rapid drying
- Applicable with a pump/spray, roll or brush
- Frost-free at least 12 months shelf-life

## PACKAGING UNITS

- 25 l canister, 24 canisters / pallet, pallet weight approx. 650 kg
- 10 l canister, 60 canisters / pallet, pallet weight approx. 650 kg
- 5 l canister, 96 canisters / pallet, pallet weight approx. 520 kg

## TECHNICAL DATA

Consumption*	0.1-0.2 l/m <sup>2</sup>
Density	1.0 kg/l
Workable after**	45-60 minutes
Working and drying temperature***	+5°C to +30°C

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature"



# Rasco Bitumen Primer Concentrate

Solvent-free, water-dilutable primer based on bitumen emulsion for use with all Rasco bitumen thick coatings

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates as well as old pre-treated bituminous paints and thick coatings.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Easy processing
- Rapid drying
- Applicable with brush or roll
- When diluted with water (1:10) suitable for all Rasco Bitumen thick coatings
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Consumption*	0.1-0.2 l/m <sup>2</sup>
Density	1.1 kg/l
Workable after**	45-60 minutes
Mixing ratio	1:10 (Primer Concentrate:Water)
Working and drying temperature***	+5°C to +30°C

## PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 485 kg
- 5 l bucket, 80 buckets / pallet, pallet weight approx. 435 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature"

# Rasco Reinforcement Mesh

Glass-fibre fabric for embedding and reinforcement of Rasco bitumen thick coatings in accordance with DIN 18533

For the embedding and reinforcement of Rasco bitumen thick coatings in accordance with DIN 18533 part 3. Suitable for the enforcement of bitumen thick coatings at critical, for example substrates at risk of cracking.



## PRODUCT FEATURES

- Recommended for critical substrates
- Suitable for DIN 18533 part 3 W2.1-E and W3-E
- Frost-free at least 24 months shelf-life

## PACKAGING UNITS

- 50 m / roll, 33 rolls / pallet

## TECHNICAL DATA

Width	1,000 mm
Colour	white
Material	100% glass-fibre
Mesh size	3.5 mm x 3.5 mm
Weight	≥ 150 g/m <sup>2</sup>
Working temperature*	+5°C to +30°C

\* Temperature: component, installation and ambient temperature

# Rasco Joint Sealing Tape PVC

PVC joint sealing tape for embedding in Rasco bitumen thick coatings

Suitable for elastic, flexible bridging of expansion, connection and structural joints.



## PRODUCT FEATURES

- Crack-bridging and flexible
- Weldable by using hot-air blower
- Resistant to low temperatures
- PVC sealing tape with fleece edging
- Very flexible and elastic
- Very good compatibility with Rasco bitumen thick coatings
- Frost-free at least 24 months shelf-life

## TECHNICAL DATA

Tensile strength	> 10 MPa
Colour	grey
Material	PVC
Width	240 mm
Thickness	1.6 mm
Working temperature*	+5°C to +30°C

## PACKAGING UNITS

- 30 m / roll

\* Temperature: component, installation and ambient temperature

# Rasco Joint Sealing Tape PVC-E

PVC joint sealing tape with two end pieces for embedding in Rasco bitumen thick coatings

Suitable for elastic, flexible bridging of expansion, connection and structural joints.



## PRODUCT FEATURES

- Crack-bridging and flexible
- Weldable by using hot-air blower
- Resistant to low temperatures
- PVC sealing tape with fleece edging
- Very flexible and elastic
- Very good compatibility with Rasco bitumen thick coatings
- Frost-free at least 24 months shelf-life

## TECHNICAL DATA

Tensile strength	> 10 MPa
Colour	grey
Material	PVC
Width	240 mm
Thickness	1.6 mm
Working temperature*	+5°C to +30°C

## PACKAGING

- 6 m / roll

\* Temperature: component, installation and ambient temperature

# Rasco 2K Panel Adhesive Special

Solvent-free, two-component, fibre-reinforced bituminous adhesive based on bituminous emulsion for attaching cellar, drainage and insulation panels

It can be applied to all structures previously coated with Rasco bitumen thick coatings, such as for example cellar walls, foundation slabs, foundations, balconies, underground garages and patios as well as all known and suitable mineral undergrounds.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Fibre-reinforced
- Easy processing
- Applicable by trowel
- Resistance to all aggressive substances that occur naturally in soils
- Rain resistant shortly
- Rapid hardening
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density	1.1 kg/l
Consumption*	1.0-2.0 kg/m <sup>2</sup>
Complete hardening / full loading capacity**	3 days
Setting time**	min. 2-6 hours
Working and drying temperature***	+5°C to +30°C

## PACKAGING

- 30 kg bucket, 18 buckets / pallet (combipack with inliner), pallet weight approx. 585 kg
- A component 22 kg, B component 8 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature

# Rasco Accelerating Agent

Mineral, powdery admixture for Rasco 1K PMBC bitumen thick coatings. Accelerates drying and resistance to rain in case of unfavourable weather conditions

It can be applied in combination with Rasco 1K PMBC classic and Rasco 1K PMBC low shrinkage for sealing applications according to DIN 18533 part 3.



## PRODUCT FEATURES

- Ready to use
- Accelerates resistance to rain
- For time sensitive sealing applications
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Mixing ratio	1 kg (1 bag) Rasco Accelerating Agent for 30 l (1 bucket) Rasco 1K PMBC classic or 30 l (1 bucket) Rasco 1K PMBC low shrinkage
Complete hardening / full loading capacity*	2 days
Rain resistance after*	1-2 hours
Setting time*	min. 1-2 hours
Working and drying temperature**	+5°C to +30°C

## PACKAGING UNITS

- 1 kg bag, 6 bags / carton

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* Temperature: component, installation and ambient temperature



**BITUMEN IS  
OUR WORLD**



# SAM SEALING SYSTEM

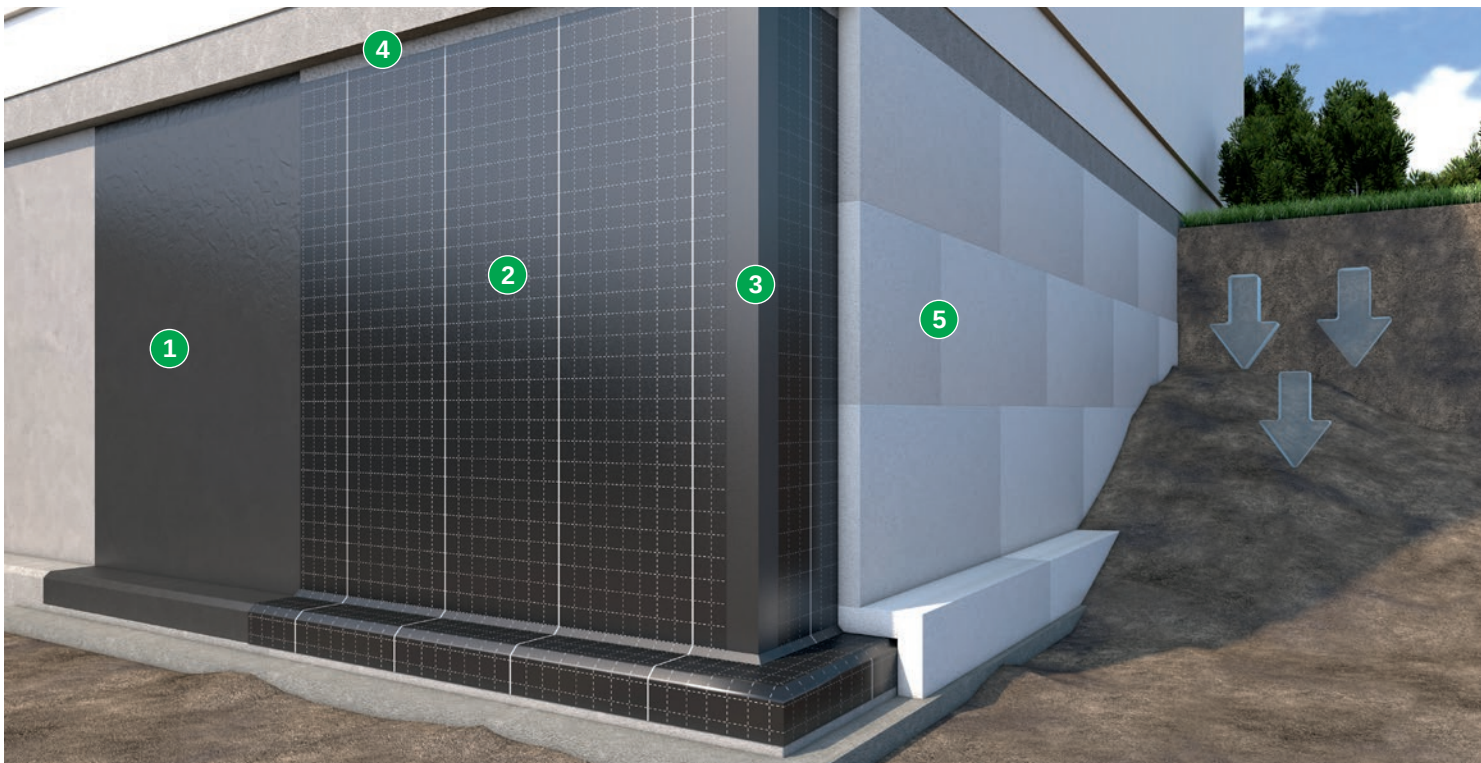


# SAM Sealing System W1-E

## Ground damp and pressure-free water

The Rasco product portfolio for the sealing of underground structures in the water load case W1-E (ground damp and pressure-free water) with self-adhesive membranes (SAM) according to DIN 18533 part 2 includes all necessary products from priming up to surface sealing including the system products for corner formation, upper edge covering and panel adhesion.

Of course, all products meet the requirements of the currently valid standard DIN 18533 and DIN V 20000-202 and are in accordance with EN 13969 and EN 14967 CE certified (SAM).



<b>1 PRIMING</b>	Page	<b>4 UPPER EDGE COVERING</b>	Page
Rasco SAM Primer	70	Rasco Alu SAM Edging Tape	75
Rasco SAM Primer Special	69	Rasco Edging Tape Fleece	76
<b>2 SURFACE SEALING</b>	Page	<b>5 PANEL ADHESION</b>	Page
Rasco SAM with Vulcanisation Strip (Thickness 1.5 mm)	59	Rasco 2K Panel Adhesive Special	52
Rasco SAM Strip (Thickness 1.5 mm)	72	Rasco SAM Compound Tape	74
<b>3 CORNER FORMATION</b>	Page		
Rasco SAM Corner Tape	71		

# SAM Sealing System W4-E

Splash water and ground damp at wall base as well as capillary water in and under walls

The Rasco product portfolio for the sealing of underground structures in the water load case W4-E (splash water and ground damp at wall base as well as capillary water in and under walls) with self-adhesive membranes (SAM) according to DIN 18533 part 2 includes all necessary products from priming up to surface sealing including the system products for upper edge covering and panel adhesion.

Of course, all products meet the requirements of the currently valid standard DIN 18533 and DIN V 20000-202 and are in accordance with EN 13969 and EN 14967 CE certified (SAM).



## 1 PRIMING

Page

Rasco SAM Primer  
Rasco SAM Primer Special

70  
69

## 4 UPPER EDGE COVERING

Page

Rasco Alu SAM Edging Tape  
Rasco Edging Tape Fleece

75  
76

## 2 SURFACE SEALING

Page

Rasco SAM with Vulcanisation Strip  
(Thickness 1.5 mm)  
Rasco SAM Strip (Thickness 1.5 mm)

59  
72

## 5 PANEL ADHESION

Page

Rasco 2K Panel Adhesive Special  
Rasco SAM Compound Tape

52  
74

## 3 BARRIER LAYER (L-SEALING))

Page

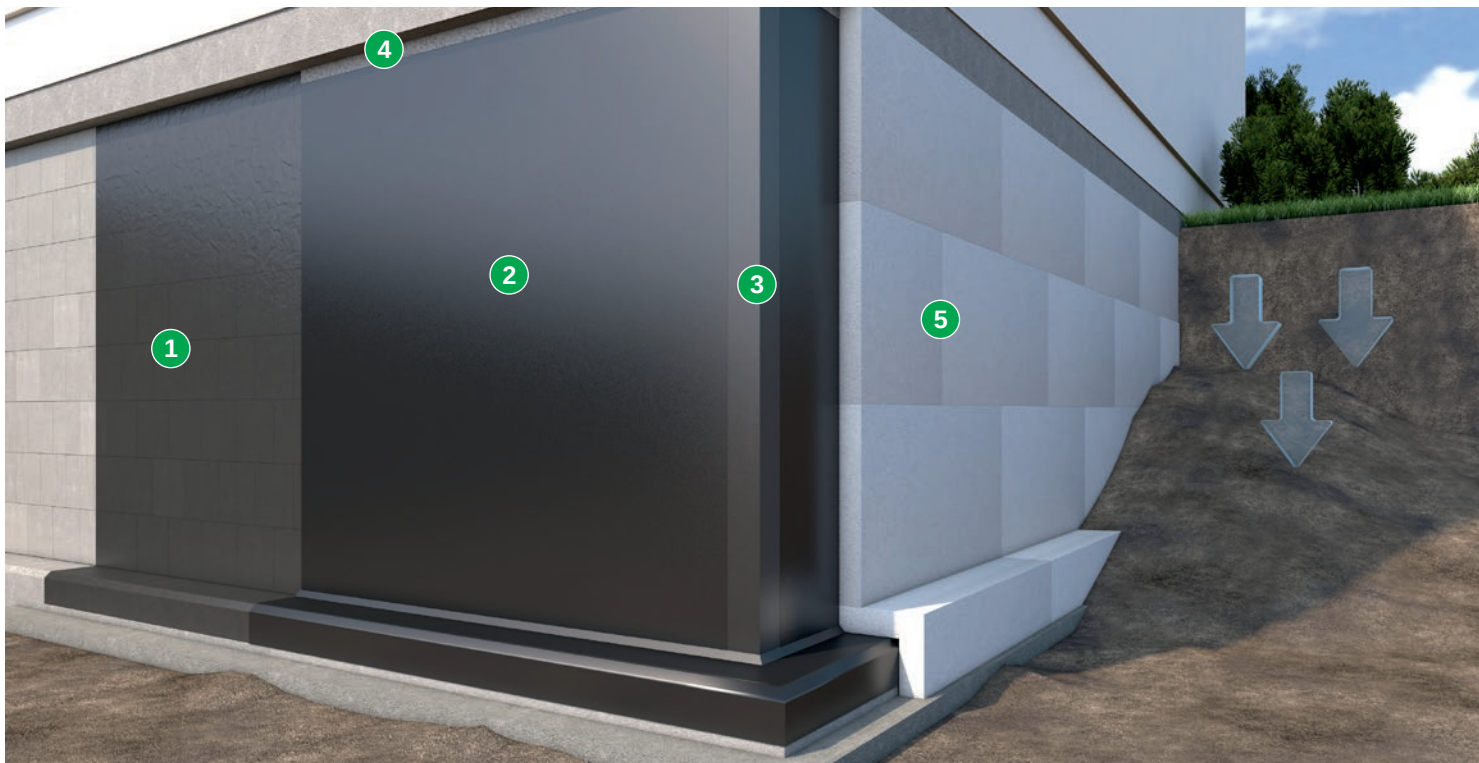
Rasco SAM with Vulcanisation Strip  
(Thickness 1.5 mm)  
Rasco SAM Strip (Thickness 1.5 mm)

59  
72

# SAM Sealing System according to EN 13969

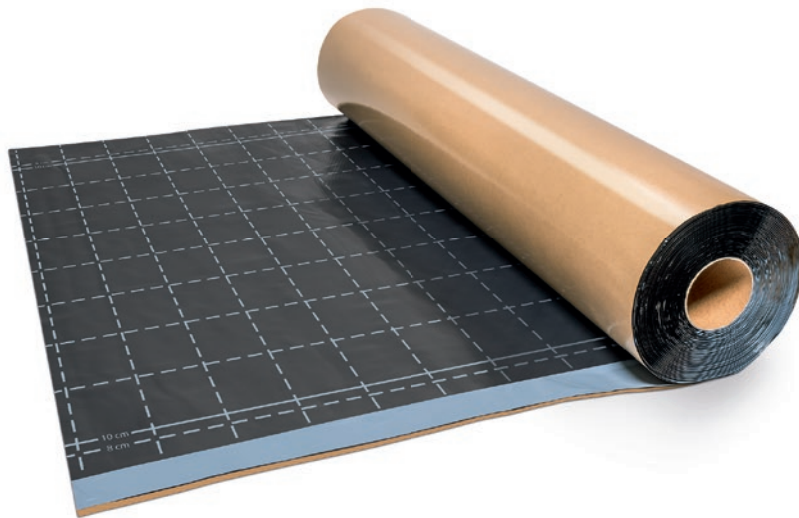
The Rasco product portfolio for the sealing of underground structures with self-adhesive membranes (SAM) according to EN 13969 includes all necessary products from priming up to surface sealing including the system products for corner formation, upper edge covering and panel adhesion.

Of course, all products are in accordance with EN 13969 CE certified (SAM).



<b>1 PRIMING</b>	Page	<b>4 UPPER EDGE COVERING</b>	Page
Rasco SAM Primer	70	Rasco Alu SAM Edging Tape	75
Rasco SAM Primer Special	69	Rasco Edging Tape Fleece	76
<b>2 SURFACE SEALING</b>	Page	<b>5 PANEL ADHESION</b>	Page
Rasco SAM S (Thickness 1.5 mm)	61	Rasco 2K Panel Adhesive Special	52
Rasco SAM EQ (Thickness 1.2 mm)	63	Rasco SAM Compound Tape	74
Rasco SAM EQ with Vulcanisation Strip (Thickness 1.2 mm)	65		
<b>3 CORNER FORMATION</b>	Page		
Rasco SAM Corner Tape	71		

# Rasco SAM with Vulcanisation Strip (Thickness 1.5 mm)



Cold-applied self-adhesive bituminous sealing membrane for waterproofing of structures in accordance with DIN 18533, EN 13969, DIN V 20000-202 and for use as a dampproof course in accordance with EN 14967

The 25 mm vulcanisation strip consists of pure bitumen compound. The purpose is to achieve better joints between the materials by sticking compound on to compound and so ensuring even better sealing.

Protects underground structures according to DIN 18533 part 2 permanently against W1-E (ground damp and pressure-free water) and W4-E (splash water and ground damp at wall base) and can be used as dampproof course below screeds. It can also be applied to balconies, loggias and pergolas in accordance with DIN 18531 part 5.

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



## PRODUCT FEATURES

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- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- Impervious to radon
- 25 mm vulcanisation strip for secure adhesion of seams
- Polymerised bitumen on cross-laminated, tearproof HDPE carrier film with grid
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

---

Thickness	1.5 mm
Width	1,000 mm (975 mm + 25 mm vulcanisation strip)
Weight	1.5 kg/m <sup>2</sup>
Water vapour permeability	Sd-value 235 m
Resistance to hydrostatic pressure*	8 bar (80 m) passed
Reaction to fire	Class E
Working temperature**	-5°C to +30°C

\* Examination was carried out using a test unit from company „Form+Test Seidner“ type „DP 3 MM“. High pressure load testing was carried out over a period of 5 days. No connection to actual circumstances and requirements on the building site exists

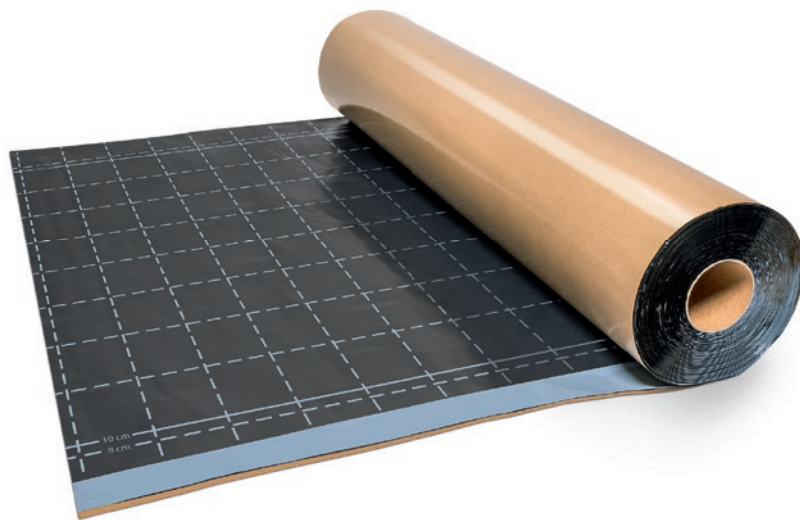
\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

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- 20 rm / carton, 15 cartons / pallet, pallet weight approx. 550 kg
- 15 rm / carton, 15 cartons / pallet, pallet weight approx. 430 kg
- 5 rm / carton, 24 cartons / pallet, pallet weight approx. 250 kg

## Rasco SAM S (Thickness 1.5 mm)



Cold-applied self-adhesive bituminous sealing membrane for waterproofing of structures **especially at high temperatures** in accordance with EN 13967, EN 13969 and EN 14967

The 25 mm vulcanisation strip consists of pure bitumen compound. The purpose is to achieve better joints between the materials by sticking compound on to compound and so ensuring even better sealing.

Protects underground structures permanently against ground damp (capillary water, retained water), non-standing seepage water and pressure-free water.

It can be applied to vertical and horizontal surfaces foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- Impervious to radon
- Impervious to methane
- 25 mm vulcanisation strip for secure adhesion of seams
- Polymerised bitumen on cross-laminated, tearproof HDPE carrier film with grid
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Thickness	1.5 mm
Width	1,000 mm (975 mm + 25 mm vulcanisation strip)
Weight	1.5 kg/m <sup>2</sup>
Water vapour permeability	Sd-value 165 m
Resistance to hydrostatic pressure*	8 bar (80 m) passed
Reaction to fire	Class E
Working temperature**	+10°C to +45°C

\* Examination was carried out using a test unit from company „Form+Test Seidner“ type „DP 3 MM“. High pressure load testing was carried out over a period of 5 days. No connection to actual circumstances and requirements on the building site exists

\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 20 rm / carton, 15 cartons / pallet, pallet weight approx. 550 kg
- 15 rm / carton, 15 cartons / pallet, pallet weight approx. 430 kg
- 5 rm / carton, 24 cartons / pallet, pallet weight approx. 250 kg

## Rasco SAM EQ (Thickness 1.2 mm)



Cold-applied self-adhesive bituminous sealing membrane for waterproofing of buildings in accordance with EN 13969

Protects underground structures permanently against ground damp (capillary water, retained water), non-standing seepage water, pressure-free water and as a water vapour retardant under screeds.

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.





## PRODUCT FEATURES

---

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- Polymerised bitumen on tearproof HDPE carrier film
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

---

Thickness	1.2 mm
Width	1,000 mm
Weight	1.2 kg/m <sup>2</sup>
Water vapour permeability	Sd-value 320 m
Resistance to hydrostatic pressure	4 bar (40 m) passed
Reaction to fire	Class E
Working temperature*	-5°C to +30°C

\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

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- 20 rm / carton, 15 cartons / pallet, pallet weight approx. 435 kg
- 15 rm / carton, 15 cartons / pallet, pallet weight approx. 335 kg
- 5 rm / carton, 24 cartons / pallet, pallet weight approx. 200 kg

# Rasco SAM EQ with Vulcanisation Strip (Thickness 1.2 mm)



Cold-applied self-adhesive bituminous sealing membrane for waterproofing of buildings in accordance with EN 13969

Protects underground structures permanently against ground damp (capillary water, retained water), non-standing seepage water, pressure-free water and as a water vapour retardant under screeds.

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.



EN 13969

## PRODUCT FEATURES

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- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- 50 mm vulcanisation strip for secure adhesion of seams
- Polymerised bitumen on tearproof HDPE carrier film
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

---

Thickness	1.2 mm
Width	1,000 mm (950 mm + 50 mm vulcanisation strip)
Weight	1.2 kg/m <sup>2</sup>
Water vapour permeability	Sd-value 320 m
Resistance to hydrostatic pressure	4 bar (40 m) passed
Reaction to fire	Class E
Working temperature*	-5°C to +30°C

\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

---

- 20 m / carton, 15 cartons / pallet, pallet weight approx. 435 kg
- 15 m / carton, 15 cartons / pallet, pallet weight approx. 335 kg
- 5 m / carton, 24 cartons / pallet, pallet weight approx. 200 kg

## Rasco Alu SAM VB



Cold-applied self-adhesive bituminous sealing membrane on aluminium carrier foil for waterproofing of buildings and structures in facade areas, for aeration application, as vapour barrier under screeds in accordance with EN 13970

It can be applied to vertical and horizontal surfaces, bituminous roof waterproofing agents, concrete, sand-lime bricks, bricks, plaster and all known and suitable substrates. It can be also applied to suitable metal, plastic and insulating surfaces.



## PRODUCT FEATURES

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- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- UV-resistant
- Best resistance to aggressive agents
- Polymerised bitumen on PET-Al-PET laminate film
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

---

Thickness	0.8 mm
Width	1,000 mm
Weight	0.8 kg/m <sup>2</sup>
Water vapour permeability	Sd-value > 1,500 m
Reaction to fire	Class E and B2
Working temperature*	-5°C to +30°C

\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

---

- 30 rm / carton, 15 cartons / pallet, pallet weight approx. 500 kg
- 15 rm / carton, 24 cartons / pallet, pallet weight approx. 400 kg

# Rasco SAM Primer Special

Solvent-free, adhesion improving primer based on bitumen emulsion for use with all Rasco waterproofing membranes

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Applicable with a pump/spray, roll or brush
- Easy processing
- Rapid drying
- Frost-free at least 18 months shelf-life

## PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet, pallet weight: approx. 580 kg
- 10 l bucket, 44 buckets / pallet, pallet weight: approx. 480 kg
- 5 l bucket, 60 buckets / pallet, pallet weight: approx. 350 kg

## TECHNICAL DATA

Consumption*	0.10-0.15 l/m <sup>2</sup>
Density	1.0 kg/l
Workable after**	45 minutes
Working and drying temperature***	+10°C to +45°C

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature

## Rasco SAM Primer

Colourless adhesion improving primer for surface preparation for all Rasco waterproofing membranes. Applicable at low temperatures

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls. Can be used on all known and suitable mineral substrates.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use synthetic dispersion
- Applicable with a pump/spray, roll or brush
- Easy processing
- Frost-free at least 12 months shelf-life

### PACKAGING UNITS

- 10 l bucket, 44 buckets / pallet, pallet weight: approx. 480 kg
- 5 l bucket, 60 buckets / pallet, pallet weight: approx. 350 kg

### TECHNICAL DATA

Consumption*	0.10-0.15 l/m <sup>2</sup>
Density	1.0 kg/l
Workable after**	45 minutes
Working and drying temperature***	-5°C to +30°C

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature

# Rasco SAM Corner Tape

Self-adhesive sealing and strengthening tape for use within the Rasco SAM system in accordance with DIN 18533, EN 13969 and DIN V 20000-202

300 mm wide self-adhesive, flexible, crack-bridging sealing tape made from polymer-modified bitumen, with a cross-laminated, tearproof HDPE-carrier film on one side.

The 50 mm vulcanisation strips consist of pure bitumen compound. The purpose is to achieve better joints between the materials by sticking compound on to compound and so ensuring even better sealing.

SAM Corner Tape serves as sealing and strengthening tape for all corners, edges and hollow edges in the Rasco SAM system.

It can be applied to vertical and horizontal surfaces foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- Polymerised bitumen on cross-laminated, tearproof HDPE carrier film
- Impervious to radon
- For strengthening of corners, edges and hollow edges within the Rasco-SAM-System
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Thickness	1.5 mm
Width	300 mm (200 mm + 2 x 50 mm vulcanisation strip)
Weight	1.5 kg/m <sup>2</sup>
Water vapour permeability	Sd-value 235 m
Resistance to hydrostatic pressure*	8 bar (80 m) passed
Working temperature**	-5°C to +30°C

## PACKAGING UNITS

- 15 m / carton, 3 rolls / carton, 15 cartons / pallet, pallet weight approx. 385 kg

\* Examination was carried out using a test unit from company „Form+Test Seidner“ type „DP 3 MM“. High pressure load testing was carried out over a period of 5 days. No connection to actual circumstances and requirements on the building site exists

\*\* Temperature: component, installation and ambient temperature



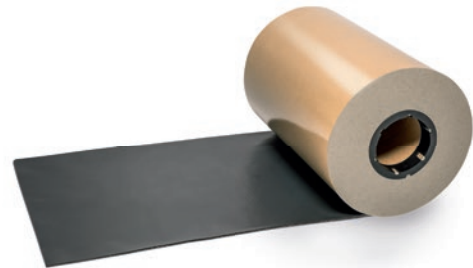
## Rasco SAM Strip (Thickness 1.5 mm)

Cold-applied self-adhesive membrane strip for waterproofing buildings and structures in accordance with DIN 18533, EN 13969, DIN V 20000-202

Self-adhesive, flexible, crack-bridging strips made from polymer-modified bitumen with a tear-resistant, cross-laminated HDPE carrier film on one side. They are available as strips in a range of widths.

For usage in system with Rasco self-adhesive membranes. As strengthening agent, for example hollow grooves, on wall-slab joints, at internal and external corners and edges, for sealing over expansion joints, for coating expansion-joints profiles. It can be also applied for sealing window- and door frames.

It can be applied to vertical and horizontal surfaces foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- Polymerised bitumen on cross-laminated, tearproof HDPE carrier film
- Impervious to radon
- For strengthening of corners, edges and hollow edges within the Rasco-SAM-System
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Thickness	1.5 mm
Width	50 mm to 1,000 mm (customised)
Weight	depending on width
Water vapour permeability	Sd-value 235 m
Resistance to hydrostatic pressure*	8 bar (80 m) passed
Working temperature**	-5°C to +30°C

### PACKAGING UNITS

- customised

\* Examination was carried out using a test unit from company „Form+Test Seidner“ type „DP 3 MM“. High pressure load testing was carried out over a period of 5 days. No connection to actual circumstances and requirements on the building site exists

\*\* Temperature: component, installation and ambient temperature

# Rasco SAM Strip (Thickness 0.8 mm and 1.0 mm)

Cold-applied self-adhesive membrane strip for waterproofing building and structures. For use in system with Rasco self-adhesive membranes

Self-adhesive, flexible, crack-bridging strips made from polymer-modified bitumen with a tear-resistant, cross-laminated HDPE carrier film on one side. They are available as strips in a range of widths.

For usage in system with Rasco self-adhesive membranes. As strengthening agent, for example hollow grooves, for wall-slab joints, at internal and external corners and edges, for sealing over expansion joints, for coating expansion-joints profiles. It can be also applied for sealing window and door frames.

It can be applied to vertical and horizontal surfaces foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- Polymerised bitumen on cross-laminated, tearproof HDPE carrier film
- For strengthening of corners, edges and hollow edges within the Rasco-SAM-System
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Thickness	0.8 mm and 1.0 mm
Width (customised)	50 mm to 1,000 mm
Weight	depending on thickness and width
Working temperature*	-5°C to +30°C

## PACKAGING UNITS

- customised

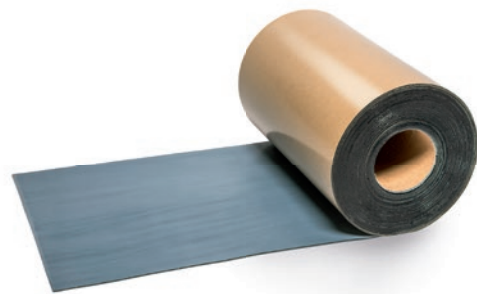
\* Temperature: component, installation and ambient temperature

## Rasco SAM Compound Tape

Double-sided self-adhesive sealing tape made of polymer-modified bitumen without a carrier film. As additional measure for sealing joints when working with Rasco self-adhesive membranes. Suitable as coating for expansion joint strips

The strips are used to improve sealing at longitudinal and transverse joints below Rasco self-adhesive membrane (compound to compound principle), on wall-slab joints, at internal and external corners, edges, hollow grooves, joint sealing profiles and complicated details such as pipe openings and floor drainage connections. It can also be used for securing insulation and drainage panels and for coating expansion-joint profiles.

It can be applied to vertical and horizontal surfaces foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates. It can also be used for suitable metal-, plastic- and insulating surfaces as well as Rasco self-adhesive membranes.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- No drying time needed
- As strengthening agent, for example pipe openings and details when waterproofing below ground
- For adhesion of insulation and drainage panels
- For coating of expansion joint strips
- Double-sided adhesive
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Thickness	0.5 mm; 0.8 mm; 1.0 mm (customised)
Width	50 mm to 700 mm (customised)
Weight	depending on thickness and width
Working temperature*	-5°C to +30°C

### PACKAGING UNITS

- customised

\* Temperature: component, installation and ambient temperature

# Rasco Alu SAM Edging Tape

Cold-applied self-adhesive bituminous edging tape on aluminium carrier foil for use within the Rasco SAM system. For waterproofing in areas with exposure to UV radiation

Vapour diffusion-proof universal tape based on bitumen for sealing against wind and water.

It can be applied to vertical and horizontal surfaces foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates. It can be also applied to suitable metal, plastic and insulating surfaces.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- UV-resistant
- No drying time needed
- Best resistance to aggressive agents
- Available with or without perforation
- Polymerised bitumen on PET-Al-PET laminate film
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Thickness	1.5 mm (customised)
Width	100 mm, 150 mm, 200 mm (customised)
Weight	depending on thickness and width
Water vapour permeability	Sd-value > 1,500 m
Working temperature*	-5°C to +30°C

## PACKAGING UNITS

- 15 m / roll (customised)

\* Temperature: component, installation and ambient temperature

## Rasco Edging Tape Fleece

Cold-applied self-adhesive sealing tape for air-, wind- and water-proofing connections within the Rasco SAM system. Through its synthetic fleece lamination it is easily plastered over and will provide an adhesive surface

It can be applied to vertical and horizontal surfaces, concrete, sand-lime brick, brick, plaster as well as all known and suitable mineral substrates. It can also be used for suitable metal-, plastic- and insulating surfaces.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- UV-resistant
- Based on butyl rubber
- Impermeable to diffusion
- For connection in base and wall areas
- Easily plastered over
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Thickness	1.5 mm
Width	100 mm
Weight	1.2 kg/m <sup>2</sup>
Water vapour permeability	Sd-value 1,200 m
Working temperature*	-5°C to +30°C

### PACKAGING UNITS

- 25 m / roll

\* Temperature: component, installation and ambient temperature



# BITUMEN ROOFING RANGE

# Rasco Bitumen Primer SF

Solvent-free, fast-drying primer based on bituminous emulsion for substrate preparation before application of roofing membranes and sheeting

It can be applied to roofing areas, cellar walls, foundation slabs, balconies, underground garages and patios, prior application to bituminous roofing membranes and sheeting as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Applicable with a pump/spray, roll or brush
- Suitable for use inside and outside
- Rapid drying
- Frost-free at least 12 months shelf-life

## PACKAGING UNITS

- 25 l canister, 24 canisters / pallet, pallet weight approx. 650 kg
- 10 l canister, 60 canisters / pallet, pallet weight approx. 650 kg
- 5 l canister, 96 canisters / pallet, pallet weight approx. 550 kg

## TECHNICAL DATA

Consumption*	0.15-0.20 l/m <sup>2</sup>
Density	1.0 kg/l
Workable after**	15 minutes
Working and drying temperature***	+5°C to +30°C

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature

# Rasco Bitumen Roof Paint

Solvent-free, fast drying paint based on bituminous emulsion. For the protection and regeneration of old weathered roofs made of fibre cement panels as well as bituminous roofing membranes and sheeting

It can be applied to roofs and areas with a minimum inclination of 3° made of fibre cement panels or bituminous roofing membranes and sheeting as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Applicable with a pump/spray, roll or brush
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Consumption*	0.3-0.4 l/m <sup>2</sup> per coat
Density	1.0 kg/l
Workable after**	20 minutes
Working and drying temperature***	+5°C to +30°C

## PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 485 kg
- 5 l bucket, 60 buckets / pallet, pallet weight approx. 350 kg
- 1 l bucket, 6 buckets / carton, 64 cartons / pallet, pallet weight approx. 500 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature



# Rasco Bitumen Trowelling Compound

Solvent-free, stable trowelling compound based on bituminous emulsion. For repair work, waterproofing and trowelling work on roofs and roof windows. For the temporary sealing of joints and cracks

It can be applied to fibre cement sheet, bituminous membranes and sheeting as well as all suitable bituminous substrates, metals, plastics and all known suitable substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- UV-resistant
- Clean, easy and fast use
- Good elasticity
- Applicable by trowel and stable
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Consumption*	1.0 kg/m <sup>2</sup> per mm coat thickness
Density	1.0 kg/l
Workable after**	24 hours
Working and drying temperature***	+5°C to +30°C

## PACKAGING UNITS

- 10 kg buckets, 44 buckets / pallet, pallet weight approx. 480 kg
- 5 kg buckets, 60 buckets / pallet, pallet weight approx. 350 kg
- 1 kg bucket, 6 buckets / carton, 64 cartons / pallet, pallet weight approx. 425 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature

# Rasco Bitumen Cold Adhesive

Solvent-free, brushable bituminous adhesive based on bituminous emulsion. For the adhesion of bituminous roofing and sealing membranes

It can be applied to old and new bituminous roofing membranes and sheeting as well as bituminous roof paints, concrete, plaster and all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Usable up to 22.5° roof insulation
- Easy processing
- Applicable with brush or roll
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Consumption*	0.7-1.5 kg/m <sup>2</sup> (roofing membrane adhesion)
Density	1.0 kg/l
Thoroughly dried after**	10-14 days (under membrane)
Working and drying temperature***	+5°C to +30°C

## PACKAGING UNITS

- 10 kg buckets, 44 buckets / pallet, pallet weight approx. 480 kg
- 5 kg buckets, 60 buckets / pallet, pallet weight approx. 350 kg
- 1 kg bucket, 6 buckets / carton, 64 cartons / pallet, pallet weight approx. 425 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature

## Rasco Alu SAM VB RCV

Cold-applied self-adhesive bituminous membrane on aluminium carrier for the waterproofing of buildings and structures in facade areas, aeration application, as a vapour barrier under screeds in accordance with EN 13984 and roof areas larger than 2,500 m<sup>2</sup>

It can be applied to vertical and horizontal surfaces, bituminous roof waterproofing agents, concrete, sand-lime bricks, bricks, plaster and all known and suitable substrates. It can be also applied to suitable metal, plastic and insulating surfaces.



### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Clean, easy and fast use
- UV-resistant
- Applicable all year round
- Polymerised bitumen on PET-Al-PET laminate film
- Self-adhesive, flexible, crack-bridging
- Immediate resistance to water and driving rain
- Best resistance to aggressive agents
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA

Thickness	≥ 0.3 mm
Width	1,300 mm
Weight	0.3 kg/m <sup>2</sup>
Water vapour permeability	Sd-value > 1,500 m
Reaction to fire	Class E and B2
Calorific value	< 9,800 kJ/m <sup>2</sup>
Working temperature*	-5°C to +30°C

### PACKAGING UNITS

- 50 m / roll, 24 rolls / pallet, pallet weight approx. 790 kg

\* Temperature: component, installation and ambient temperature

# Rasco Alu Repair Tape

Cold-applied, self-adhesive, UV-resistant, all-round bituminous tape on aluminium carrier foil. For joints and repairs of roof windows, sky lights, gutters and bituminous waterproofing on roofs

It can be applied to vertical and horizontal surfaces, bituminous roof waterproofing agents, concrete, sand-lime bricks, bricks, plaster and all known and suitable substrates. It can also be applied to suitable metal, plastic and insulating surfaces.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Clean, easy and fast use
- UV-resistant
- Applicable all year round
- Polymerised bitumen on PET-Al-PET laminate film
- Self-adhesive, flexible, crack-bridging
- Immediate resistance to water and driving rain
- Impermeable to diffusion
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Thickness	≥ 0.8 mm
Width	50 mm to 1,000 mm (customised)
Weight	depending on width
Water vapour permeability	Sd-value > 1,500 m
Working temperature*	-5°C to +30°C

## PACKAGING UNITS

- 20 m / roll

\* Temperature: component, installation and ambient temperature



# BITUMEN PAINT COATINGS

# Rascorol Pro



## High quality, all area one-component, bituminous repair and sealing compound

For the protection and regeneration of bituminous and mineral roof surfaces.

As a putty and repair compound for roofing applications and connections.

For the protection and regeneration of fiber cement roofs.

Protects underground structures according to DIN EN 15814 DIN 18533 part 3 permanently against W1-E (ground damp and pressure-free water) and W4-E (splash water and ground damp at wall base).



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Extremely crack-bridging and flexible
- Highly polymerized
- Applicable with a pump/spray, roll or brush
- Easy processing
- Good stability
- Seamless hard-drying
- Adheres to bituminous and mineral substrates as well as to wood, plastic, metal and insulation surfaces
- UV-resistant
- Impervious to radon
- Good resistance to high and low temperatures
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Density	1.20 kg/l
Material shrinkage	38%
Complete hardening / full loading capacity*	24 hours
Rain resistance after*	8 hours
Consumption**	1.5-2.0 kg/m <sup>2</sup>
Elongation at break	> 700%
Dimensional stability	up to 180°C
Working and drying temperature***	+5°C to +30°C

\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\* The consumption rates shown are minimum values with respect to application as roof putty or repair compound. These may increase according to the manner of application

\*\*\* Temperature: component, installation and ambient temperature

## PACKAGING UNITS

- 1,000 kg container
- 30 kg bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 kg bucket, 44 buckets / pallet, pallet weight approx. 480 kg
- 5 kg bucket, 60 buckets / pallet, pallet weight approx. 350 kg

## WATER INFLUENCE CLASSES

	MDLT	WLT	CONSUMPTION
W1-E (ground damp and pressure-free water)	3 mm	4.83 mm	5.80 kg/m <sup>2</sup>
W4-E (splash water and ground damp at wall base)	3 mm	4.83 mm	5.80 kg/m <sup>2</sup>
Scratch coating			1-2 kg/m <sup>2</sup>

The consumption rates shown are minimum values. A separate professional levelling of the substrate, for example by a scratch coating is expected. According to DIN 18533 part 3, a layer thickness addition of at least 25% of the minimum dry layer thickness is to be added. MDLT = Minimum dry layer thickness, WLT = Wet layer thickness

# Rasco Bitumen Black Coating Special

High grade protective paint based on bituminous emulsion, for the protection of structures against moisture and naturally present aggressive agents in the soil

It can be applied to concrete structures and masonry, also below ground as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Easy processing
- Can be applied to dry and slightly moist substrates
- Applicable with a pump/spray, roll or brush
- Rapid drying
- Frost-free at least 12 months shelf-life

## PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 485 kg
- 5 l bucket, 60 buckets / pallet, pallet weight approx. 350 kg

## TECHNICAL DATA

Consumption*	0.15-0.20 l/m <sup>2</sup>
Density	1.1 kg/l
Complete hardening / full loading capacity**	30 minutes
Working and drying temperature***	+5°C to +30°C

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature



# Rasco Bitumen Black Coating F

Protective paint based on bituminous emulsion, for the protection of structures against moisture and naturally present agents in the soil

It can be applied to concrete structures and masonry, below ground as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Easy processing
- Applicable with a pump/spray, roll or brush
- Rapid drying
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Consumption*	0.1-0.2 l/m <sup>2</sup>
Density	1.1 kg/l
Complete hardening / full loading capacity**	20-40 minutes
Working and drying temperature***	+5°C to +30°C

## PACKAGING UNITS

- 30 l bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 l bucket, 44 buckets / pallet, pallet weight approx. 485 kg
- 5 l bucket, 60 buckets / pallet, pallet weight approx. 350 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature

# Rasco Bitumen Spraying Compound

Protective coating based on bituminous emulsion, for the protection of structures against moisture and naturally present aggressive agents in the soils

It can be applied to concrete structures and masonry, also below ground as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Ready to use
- Easy processing
- Applicable with a pump/spray, roll or brush
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Consumption*	2 kg/m <sup>2</sup> per coat
Density	1.0 kg/l
Complete hardening / full loading capacity**	7 hours
Working and drying temperature***	+5°C to +30°C

## PACKAGING UNITS

- 30 kg bucket, 18 buckets / pallet, pallet weight approx. 580 kg
- 10 kg bucket, 44 buckets / pallet, pallet weight approx. 480 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* These times may vary greatly, depending on humidity, temperature, coating thickness and substrate. Times are based on the standard climate of + 23 °C and 50 % relative humidity

\*\*\* Temperature: component, installation and ambient temperature



# BITUMEN EMULSIONS

# Rasco Bitumen Emulsion K

Solvent-free, anionic bituminous emulsion for preservation of structures or further refinement



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Anionic
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Solid content	58-60%
Density	1.0 kg/l
Viscosity*	5,000-11,000 mPa·s
Working and drying temperature**	+5°C to +30°C

## PACKAGING UNITS

- 10-24 t tank truck
- 1,000 kg container

\* Measured with Brookfield at 23 °C and 50% relative humidity

\*\* Temperature: component, installation and ambient temperature



# BITUMEN SEALING COMPOUNDS

# Rasco Joint Filler and Sealing Compound

Hot-processable, highly elastic compound made with polymer-modified bitumen. For filling joints in landscaping and road construction

For filling joints in level areas, for example in landscaping or road construction. For waterproofing structures against ground moisture (capillary- and retained water) and non-standing seepage water.

Also applicable to metals if sufficient grip is evident. Suitable for waterproofing of cellar walls, concrete- and sand-lime brick foundations as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Permanent high flexibility
- Resistant to chemicals
- Good elasticity even at low temperatures
- May be subjected to load immediately after cooling down
- Impervious to water
- Frost-free at least 24 months shelf-life

## TECHNICAL DATA

Consumption*	Depending on joint width and depth: 3 kg/m <sup>2</sup>
Density	1.0 kg/l
Flash point	> 250 °C
Elongation at break	< 600 %
Softening point	105°C
Working temperature**	+5°C to +30°C

## PACKAGING UNITS

- 25 kg block / carton, 24 cartons / pallet, pallet weight approx. 640 kg
- 10 kg block / carton, 48 cartons / pallet, pallet weight approx. 510 kg

\* The consumption rates shown are minimum values. These may increase according to the manner of application

\*\* Temperature: component, installation and ambient temperature

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