

Rasco Bitumen Spraying Compound

Protective coating based on a 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
- Resistant to frost and de-icing salts
- Frost-free at least 12 months shelf-life

TECHNICAL DATA

Consumption*	2 kg/m ² per coat
Density	approx. 1.0 kg/l
Complete hardening / full loading capacity**	7 hours
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.

DELIVERY UNITS

30 kg bucket | 18 buckets / pallet | pallet weight approx. 580 kg

10 kg bucket | 44 buckets / pallet | pallet weight approx. 480 kg

GENERAL NOTES

In case of sealing or maintenance work the relevant standards and guidelines must be followed.

SUBSTRATE PREPARATION

- The substrate must be sufficiently dry, level, stable, frost-protected, clean and without traces of oil, grease, tar, honeycombing, cracks, dust, dirt, residual mortar or other potential contaminants.
- Edges should be broken and inside joints rounded out with suitable material.
- The risk of blister formation as a result of pores or hollow areas in the concrete can be reduced by scratch coating using **Rasco Bitumen Spraying Compound**.
- Mineral substrates have to be prepared using **Rasco Bitumen Primer** (approx. 0.1-0.2 l/m²).
- Open butt joints up to 5 mm should be closed by means of scratch coating using **Rasco Bitumen Spraying Compound**.

SUBSTRATE PREPARATION

- Open butt joints or pits > 5 mm must be filled using a suitable mortar.

APPLICATION

- **Rasco Bitumen Spraying Compound** is ready to use and is to be applied evenly to the primed substrate.
- Application to the required layer thickness is carried out using either suitable airless spraying equipment, a smoothing trowel, or a normal trowel.
- A further coat may be applied once the previously applied coat is completely dry so that it may not be damaged by application of another coat.
- Clean tools and equipment with water immediately after use.

SPECIAL NOTES

- During work breaks **Rasco Bitumen Spraying Compound** has to be 'scraped down to nothing' and must not end on/in a corner of the building.
- It may become necessary to embed **Rasco Reinforcement Mesh**.
- Protect a newly applied coat from rain, frost and strong sun light until completely dry.
- Add protective, insulating or draining material only after **Rasco Bitumen Spraying Compound** has completely dried.
- Verification of the layer thickness is carried out by measuring the wet layer thickness. It has to be carried out in at least 20 places per project and at least at 20 places per 100 m².
- To test the drying and adhesion of the PMBC applied, the PMBC has to be passed through the 15 cm connection area. In these areas, the drying and adhesion must be tested in a destructive manner. The result of this check must be documented.
- The result of the layer thickness and completed drying tests should be documented.
- Please note the Safety Data Sheet (accessible at <http://www.rasco-bitumen.com/>)

Note: The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the Rasco product installation. For the most up-to-date TDS and warranty information, please visit our website at www.rasco-bitumen.com. Any alterations to the wording or requirements contained in or derived from this TDS shall void all related Rasco warranties.

Issue 04: This document has been updated with respect to resistance to frost and de-icing salts. When this version is updated it will lose its validity.