

ProTecto MS Detail

Description and application

ProTecto MS Detail is a pasty 1-component, isocyanate-free sealant based on high-quality MS Hybrid Polymer fitted with revolutionary **QT6** technology.

ProTecto MS Detail is used for waterproofing complex roof details, penetrations, skylights, and domes, among other applications. Additionally, the product is used for repairing leaks on a wide range of substrates.

It is not intended for intensive walkable applications or situations involving permanent water exposure.

One of the distinctive features of ProTecto MS Detail is its standing capability. Thanks to its high viscosity, the product does not drip on vertical surfaces.

Article number and packaging

18060-2	4 kg
18060-10	11 kg

Properties

- UV resistant from 1 mm
- Colourfast
- Remains elastic
- Forms a rubbery layer after curing
- Water resistant even with prolonged water exposure. Not suitable for permanent immersion

Elongation	150% (DIN 53504 S2)
Tensile strength	1,8 N/mm ² (DIN 53504 S2)
E-modulus	1,3 N/mm ² (DIN 53504 S2)
Shrinkage	<10% (DIN EN ISO 10563)
Shore hardness	A40 ±5 (DIN 53505)
Temperature resistance	Between -30 and +120 °C

Properties liquid product

Colour	Dark grey/ Approx. Ral 7024
Density	1,45 kg/l
Volume solids	Approx. 98%
Shelf life	At least 12 months after the date of production, if stored cool in unopened packaging and protected against frost. Products should always be placed on pallets to avoid direct contact with the floor.

- 1-component
- Isocyanate-free
- Odourless

* At 20 °C and 65% RH surface.
** At 1 kg and 20 °C product.

- Long potlife/application time
- Easy to process
- Can be applied horizontally or vertically
- No solvents and no toxic substances
- Curing by reacting with humidity
- Can be applied to slightly moist surfaces

Application information

Method	Roller, brush, trowel and putty knife
Usage	1,45 kg/m ² /mm (minimum 1 mm)
Mixing ratio	1-component
Processing temp.	Between +5 and +35 °C
Rain resistant*	After approx. 2 hour
Skin formation time*	After approx. 1 hours
Walkable*	After approx. 24 hours at 2 mm
Recoat time*	After approx. 24 hours
Delution	Not permitted
Cleaning agent	Roca Cleaner R5518

- The curing time depends on circumstances such as temperature and humidity.
- Do not process the product when it is expected to rain.
- The product can be applied on lightly moist surfaces but avoid puddles and frozen surfaces.
- The required layer thickness can be applied to the roof surface in one layer.
- Reinforcement should be used at critical points where there may be a lot of movement.
- Never stir the product mechanically to avoid air ingress as much as possible.
- Residual material can be stored briefly after use by sealing the can airtight. However, it is normal for a skin to form on the top surface of the material. Before further use, carefully remove the skin and do not mix it with the remaining product.

Surface and circumstances

The surface must be sufficiently load-bearing and have a cohesion that corresponds to its function. The surface may be slightly moist. The surface must be stable, clean and free of grease. All loose components must be removed. Special attention must be paid to grease removal on plastic films, etc., as algae growth on such a surface in particular can form a "hidden pitfall".

In case of new EPDM, bitumen and PVC, it is desirable to carry out an adhesion test. Sufficient adhesion cannot be obtained on coal tar-containing surfaces.

With bituminous substrates, a slight bleeding may sometimes occur.



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Liquid synthetic materials for a sustainable future

ProTecto MS Detail

Important

Projects and applications can vary greatly. Always contact your supplier if you have doubts about a certain application, choice of material or surface treatment.

All the technical information given in this technical information sheet is based on laboratory tests. Information can change, depending on the conditions.

Legal notification

The information and, in particular, the recommendations concerning the application and final use of Prokol products is issued in good faith based on Prokol's current knowledge and experience of products that are correctly stored, handled and applied under normal conditions.

In practice, the differences in materials, surfaces and local conditions are such that no guarantee can be given concerning the marketability or suitability for a certain objective, nor can any liability arise from any legal relationship based on this information, nor from any written recommendations or other advice that is given. The property rights of third parties must be respected.

Prokol guarantees that its products are free from manufacturing faults. Multi-component products are a finished product once the components have been mixed and processed. When mixed and processed correctly, the product will achieve the specifications given. Prokol can only guarantee the product when surfaces are processed and pre-treated correctly.

All orders are accepted under the current sales and delivery conditions. Users must always refer to the most recent product safety information sheet and product information sheet for the product concerned.

Copies of the most recent editions are provided upon request and are available at www.prokol.com.

The publication of this product information sheet makes all previous product information sheets for this product invalid.

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