

# SPECIAL PRODUCTS



## POLYDETAIL MS

**POLYDETAIL MS** is a one-pack MS Polymer sealant designed for sealing, repairing and achieving technical details such as flashing, skylights, guttering, chimneys, drains, etc.. It can also be used for sealing the top of bitumen membrane vertical turn-ups between the metal profile (membrane retainer) and concrete wall.



Guaranteed quality  
UNI EN ISO 9001:2008 and  
UNI EN ISO 14001:2004



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# SPECIAL PRODUCTS

## TECHNICAL DESCRIPTION

POLYDETAIL MS is a one-pack ready-to-use MS Polymer sealant that polymerizes by reaction with moisture. POLYDETAIL MS is solvent and isocyanate free and features excellent elasticity as well as impressive adhesion. POLYDETAIL MS has excellent UV stability and weathering resistance and retains its elastic properties within a wide range of temperatures (from -40 °C to +100 °C).

## WHERE TO APPLY

POLYDETAIL MS is used for sealing technical details such as flashing, skylights, chimneys, guttering and drains as well as for the localized repair of old polymer bitumen membranes. With its UV stability, POLYDETAIL MS can also be used for sealing the top of bitumen membrane vertical turn-ups between the metal profile (membrane retainer) and concrete wall.

## APPLICATION PROCEDURES AND TIPS

POLYDETAIL MS is a ready product and can be applied by brush, notched or flat trowel, covering the surface evenly. Surfaces must be clean, sound and free of dust and oil. It can even be applied on damp surfaces (provided there are no drops of water or ponding water). Application temperature range for POLYDETAIL MS is 0 °C to 35 °C. Apply the product in 2 coats. You can reinforce the first coat while still wet with a fibre glass mat or nonwoven reinforcement, such as Poliestere 60. As soon as a skin has formed (this takes around 40 minutes at 20 °C, around 20 minutes at 30 °C), apply the second coat, which must cover the reinforcement completely. The total consumption rate for two coats is approx. 1-1,5 kg/m<sup>2</sup>. The consumption rate may vary depending on the substrate's porosity.

The product comes in a polyethylene/aluminium/polyethylene bag. Once it is opened for use, you can keep the unused material by resealing the bag so that it is airtight. In some cases, a protective skin may form on the surface of the product and this should be removed before you next use the product.

## PRODUCT CHARACTERISTICS

APPEARANCE	Dense paste	THROUGHOUT CURING SPEED	2-3 mm / 24 hours (20 °C 50% U.R.)
COLOUR	Black	SHORE A HARDNESS (DIN 53505)	40
SPECIFIC WEIGHT	1,56 Kg/dm <sup>3</sup>	100% MODULUS (DIN 53504)	1,2 MPa
SOLIDS CONTENT AT 130 °C	100%	ELONGATION AT BREAK (DIN 53504)	240%
APPLICATION TEMPERATURE	0/+35 °C	TEAR RESISTANCE ASTM D 624-73	9 N/mm
SURFACE FILM FORMING TIME	Approx. 40 minutes (20 °C 50% RH), approx. 20 minutes (30 °C 50% RH)	STABILITY IN ORIGINAL SEALED BUCKETS	12 months

The above-mentioned values refer to laboratory testing according to specific relevant standards.

## PACKAGING, STORAGE, EQUIPMENT CLEANING

CONTAINERS	5 kg bucket and soft cartridge of 600 ml.
STORAGE	Correct storage: do not leave bucket in direct sunlight; the product is best stored in a cool, dry, well ventilated place. Under these conditions, the product's shelf life in its original properly sealed container is 12 months at a temperature in the +5 °C to +25 °C range
EQUIPMENT	Clean equipment with common solvents after use

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### PRODUCT FOR PROFESSIONAL USE

The figures, information and suggestions result from the experience of POLYGLASS SPA.

Anyone who uses Polydetail MS must ensure that the product is suitable for the specific use and application. In any case the installer is only person responsible for the correct application and therefore of all consequences arising from said application.

Please always refer to our last version of the technical data sheet on our site: [www.polyglass.com](http://www.polyglass.com). For any further information, please contact our technical office.

POLYGLASS SPA reserves the right, without notice, to modify the technical card according to the necessity to improve the product.

## SAFETY REGULATIONS

See safety data sheet.

07/16



Adds value!

POLYGLASS SPA

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