

RECONSTEC MF

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FEATURES & BENEFITS

- » Very good adhesion to most substrates
- » Do not require a primer for stone, concrete and brick
- » Ideal for vertical and horizontal applications
- » Capable of $\pm 12,5$ % joint movement
- » Can be applied at temperatures as low as 4°C (39°F)
- » Colors and textures available

USES

- » Developed for use in areas where small movements occur and where regular mortar is subject to cracking
- » Ideal for church squares
- » Can be used in control joints
- » Achieves high bond strength with indoor or outdoor applications

OPTIMUM PERFORMANCE

- » Minimum depth of joint is 6 mm (1/4 in)
- » Do not apply on wet surfaces. Moisture on substrates will adversely affect adhesion
- » Mortar should be installed at temperatures between 4 ° C (40 ° F) and 38 ° C (95 ° F)
- » Avoid contact with materials or surfaces impregnated with oil, asphalt, tar or bituminous substances
- » The exposed surface of RECONSTEC MF may yellow in the presence of unvented artificial heat
- » Copper, stainless steel and galvanized steel typically require a primer. An adhesion test is recommended
- » La surface exposée du RECONSTEC MF peut jaunir en présence de chaleur artificielle non ventilée

RECONSTEC MF is a two-component polyurethane-based, elastomeric mortar. Non-sag consistency with a chemical cure. It is intended for use in all properly designed working joints with a minimum depth of 6mm (1/4 "). Once cured it is elastic and flexible to contract and expand with construction material movement. Developed especially for forming permanent, water and weatherproof seals in all exterior joints in concrete and masonry. The textured and color appearance, given by the fine aggregate applied onto the surface, blends well with masonry substrates.

PROCEDURES

SURFACE PREPARATION:

Remove all impurities, dirt, grease and other bond inhibiting materials from surface. Clean by grinding, sandblasting or wire brushing to expose a sound surface free of contamination and laitance.

MIXING:

Pour entire contents of Component A into pail of Component B. Mix for 3 to 4 minutes to achieve a uniform colour and consistency. Scrape down sides of pail periodically.

APPLICATION & FINISHING:

Sealant must be scrubbed into substrate, filling all pores and voids. Use a steel trowel. Force material against edge of joint, working toward center. Tool as required. Apply the "sand" onto the surface of sealant no later than 15 minutes after mixing in order to achieve a good bond to the elastomere.

CLEAN UP:

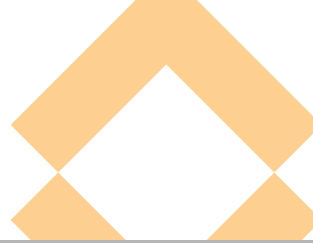
Uncured material can be removed from equipment and tools using a cleaner type "Fast Orange". Cured material can only be removed manually or mechanically.

STORAGE AND SHELF LIFE

Unopened contents have a minimum shelf life of 2 months if stored in a dry covered area protected from the elements, in temperature ranges between 4 and 35°C.

SAFETY PROCEDURES

Avoid eye-contact and prolonged contact with skin. May cause irritation to sensitive skin. If eye contact, consult nearest doctor.



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GUARANTEE

All information provided is correct to the best of our knowledge and the product is satisfactory for the purposes for which it is intended. However, no guarantee, express or implied, is given because the mixing and application conditions are beyond our control. Our responsibility is limited specifically and only to the replacement of defective products or, if we so choose, to the REFUND OF THE COST OF THIS PRODUCT.

TECHNICAL DATA

PACKAGING	1,4 kg (3.1 lb)/ unit
YIELD	Linear metre of sealant per unit (1.4 kg) Joints 6 mm (1/4) X 6mm (1/4) 18.8 Metres (61 ft) Joints 10 mm (3/8) X 10 mm (3/8) 6.7 Metres (22 ft)
CURING RATE	Tack-free 6 hrs Final cure 1 day
WORKING TIME	15 minutes
SHORE	
A Hardness ASTM D2240	80
TENSIL STRENGTH AT BREAK	
ASTM D412	0.3 MPa (44 psi)
CAPABLE OF	+/- 12.5% joint movement

Note: The contents of this Technical Data Sheet are updated regularly. To ensure that you have the most recent version, please visit our website at the following address: www.sika.com

This product is designed to meet the performance specifications outlined in this product Technical Data Sheet. If the product is used in conditions for which it was not intended, or applied in a manner contrary to the written recommendations contained in the product data sheet, the product may not reach such performance specifications. The foregoing is in lieu of any other warranties, representations or conditions, expressed or implied, including, but not limited to, implied warranties or conditions of merchantable quality or fitness for particular purposes, and those arising by statute or otherwise in law or from a course of dealing or usage of trade.

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