



CONSTEC

RECONSTEC MF

Elastomeric mortar

Description:

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.

Features and 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 .

Technical Data

Packaging : 1,4 kg (3,1 lb) / unit

Yield : Linear metre of sealant per unit (1,4 kg)

Joint : 6 mm (1/4") x 6 mm (1/4") 18,8 m (61 ft)

10 mm (3/8") x 10 mm (3/8") 6,7m (22 ft)

Shelf Life: Two month in original, unopened packaging. Store dry between 4 to 35°C

Application Temperature : 4 to 38°C - ambient and substrate temperatures.

Curing Rate : Tack-free 6 hrs

Final cure 1 day

Working Time : 15 minutes

Shore A Hardness ASTM D2240 : 80

Tensile strength at break ASTM D412 : 0.3 MPa (44 psi)

Capable of : $\pm 12,5$ % joint movement

Weathering Resistance : Excellent

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.

LIMITATIONS:

Minimum depth of joint is 6 mm (1/4 in).

Do not apply on wet surfaces. Moisture on substrates will adversely affect adhesion.

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.

Caution:

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

KEEP OUT OF REACH OF CHILDREN

Warranty:

Information given is correct to the best of our knowledge and the product is satisfactory for the purpose for which it is intended. However, no warranty, express or implied is given because every possible variation in the methods of its use or conditions under which it is applied cannot be anticipated. Our liability under this guarantee shall be limited replacement of our product found to be defective or at our option, to the refund of the purchase price of said product.

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