

Cicoseal[®]MS 800

High Performance, Weather-Proofing Sealant & Adhesive Based on Modified Silicone

DESCRIPTION

It is a tough durable, adhesive, and sealant used for internal and external building applications. It is based on SMP technology. It has excellent primer-less adhesion to a wide range of surfaces even wet or underwater, it does not stain concrete and marble. The colors are white, black, grey, and others.

USES

- Concrete & masonry
- Swimming Pools, Bathrooms, and Spas.
- Cement plaster.
- Aluminum, copper, brass, zinc, stainless & galvanized steel.
- Glass & ceramics.
- Wood & rubber.

ADVANTAGES

- Weather resistant.
- Excellent adhesion without a primer.
- Resistant to rust and corrosion.
- Excellent flexibility.
- Non-shrink & Non-sag.
- Eco-friendly.

STANDARDS COMPLIANCE

ASTM C-719, D-2240, ASTM C-920 Type S, Grade NS, Class 25, Use NT, G, O, A, M.

PACKAGING

600 ml sausage.

SHELF LIFE & STORAGE

12 months storage life if stored in its original unopened packaging.

TECHNICAL PROPERTIES

Chemical base	MS Polymer
Density	1.4 Kg/L
Shore A Hardness	45
Movement capacity	±25%
Tensile strength	1.83 N/mm ²
Bond strength	0.85 N/mm ²
Elongation	600%
Temperature resistance	-40°C/ +90°C
Working time	1 Hour
Tack free time	1.5 Hour

APPLICATION INSTRUCTIONS

Joint Preparation

Joint surfaces must be clean, dry, and free from dust and laitance. Contamination can be removed by wiping with a Cicosurface[®]Degreaser. Use Cicobacking[®]Rod, which is 5 mm greater than the joint width to ensure insert stability. Using a backing rod is a must. Not only to adjust the required section dimensions but also to ensure that the sealant is not bonded with the bottom of the joint. If there is no space for a backing rod, any debonding tape should be used for the same purpose. Apply masking tape on both sides of the joint before sealant application and remove it once the sealant application is over.

Application

Apply Cicoseal®MS 800 sealant with air-operated guns and bulk dispensing equipment into the base of the joint so that it completely fills the joint, wetting both sides. Tool the surface of the joint immediately after sealant application to provide a smooth even finish and to ensure the sealant skins.

JOINT SIZE:

Minimum width	10 mm (In joints)
Maximum width	35 mm (In joints)

- Recommendation:
- Joints under normal force only: Depth = Half Width fig [1].
- Joints under normal & shear force: Depth = Width fig [2].

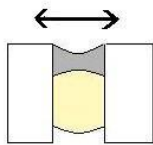


Fig [1]

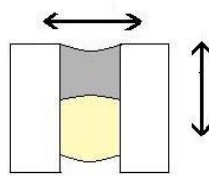


Fig [2]

CLEANING

Uncured Cicoseal®MS 800 can be cleaned with Cicosolvent® or alcohol, while cured sealant can be removed by light hand tools such as spatulas.

PRECAUTIONS

Health And Safety

Cicoseal®MS 800 is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When contact with the skin is made, wash off immediately with soap and water. If swallowed, seek medical attention immediately, do not induce vomiting.

TECHNICAL SUPPORT

CIC provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other CIC products and guidance on their use are available on request.

Warranty

CIC products are guaranteed against defective materials and manufacture and sold subject to CIC's standard terms and conditions of sale. Whilst CIC endeavors to ensure that any advice, information or recommendation given is correct, the company cannot accept any liability either directly or indirectly arising from the use of its products. User of the product must test the product's suitability for the intended application and purpose, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Our Products are in continuous development and CIC reserves the right to change the product without prior notice.

