

MARISEAL® KATALYSATOR

TECHNICAL DATA SHEET

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Accelerating additive

Product description

The MARISEAL® KATALYSATOR is an accelerating additive for use with the MARISEAL® 250 / 260 / 270 / DETAIL / etc liquid-applied polyurethane waterproofing membranes.

Advantages

The MARISEAL® KATALYSATOR accelerates the MARISEAL® liquid-applied polyurethane waterproofing membranes allowing it to cure homogenous, at a quicker rate, even at low temperatures, so an overcoating is possible within 3-5hours.
The MARISEAL® KATALYSATOR enables the MARISEAL® liquid-applied polyurethane waterproofing membranes to be applied in any desirable thickness, without forming bubbles, so it can be used as an additive for the application of MARISEAL liquid-applied polyurethane waterproofing membranes in combination with the MARISEAL FABRIC in the wet-in-wet application method.

Uses

The MARISEAL® KATALYSATOR is mainly used when the MARISEAL® 250 or 260, needs to be applied in very low temperatures or when the MARISEAL® 250 or 260, needs to be applied in combination with the MARISEAL FABRIC in the wet-in-wet application method (higher coating thicknesses in one layer)

The MARISEAL® KATALYSATOR accelerates the MARISEAL liquid-applied polyurethane waterproofing membranes waterproofing coating for:

- Waterproofing of Roofs
- Waterproofing of Balconies, Terraces and Verandas
- Waterproofing of Wet Areas (under-tile) in Bathrooms, Kitchens, Balconies, Auxiliary Rooms, etc
- Waterproofing of Pedestrian and Vehicular traffic Decks
- Waterproofing of Green Roofs, Flowerbeds, Planter Boxes
- Protection of Polyurethane Foam Insulation
- Waterproofing and protection of Concrete constructions like Bridge-Decks, Tunnels, Stadium Stands, Car Parks, etc.

Consumption

The mixing ratio of the MARISEAL® liquid-applied polyurethane waterproofing membranes to the MARISEAL® KATALYSATOR is:

MARISEAL® liquid membrane : MARISEAL® KATALYSATOR = 100 : 2 or 100:3 by weight

So : 25kg : 0,5kg or 25kg : 0,75kg

Dosage *

Mixing Ratio of MARISEAL® 250/260 to MARISEAL® KATALYSATOR	Between 25kg to 0, 50kg and 25kg to 0,75kg (100 : 2 and 100:3 by weight)
Pot Life @ 20°C, 100ml	20min (2%) - 30min (3%)
Rain stability Time @ 20°C, 1.5mm coating thickness	3hours (2%) – 1,5-2hours(3%)

Application

Stir the MARISEAL® liquid-applied polyurethane waterproofing membranes well, before using. Add the correct quantity of MARISEAL® KATALYSATOR. The MARISEAL® KATALYSATOR and the MARISEAL® liquid-applied polyurethane waterproofing membranes should be mixed by low speed mechanical stirrer, according to the stipulated mixing ratio, for about 3-5 min.

ATTENTION: The mixing of the components has to be effected very thoroughly, especially on the walls and bottom of the pail until the mixture becomes fully homogeneous.

After the mixing, pour the mixture onto the prepared surface to be waterproofed, and spread it out. All application instructions and/or techniques of the MARISEAL® liquid-applied polyurethane waterproofing membranes need to be observed and followed.

ATTENTION: Make sure to use the MARISEAL® liquid-applied polyurethane waterproofing membranes +MARISEAL® KATALYSATOR mixture, within the stipulated Pot Life.

Packaging

MARISEAL® KATALYSATOR is supplied in 1 kg, 0.750 kg, 0.450 kg and 0.180 kg metal pails. Pails should be stored in dry and cool rooms for up to 9 months. Protect the material against moisture and direct sunlight. Storage temperature: 5^o-30^oC. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels.

Maris Polymers®

POLYURETHANE SYSTEMS

Safety measures

See information supplied by the manufacturer. Please study the Safety Data sheet. PROFESSIONAL USE ONLY.

Our technical advice for use, whether verbal, written or in tests, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults; correct application of our products therefore falls entirely within your scope of liability and responsibility. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. Values in this technical data sheet are given as examples and may not be regarded as specifications. For product specifications contact our R+D department. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice.
* All values represent typical values and are not part of the product specification.

CONSTRUCTION

