

DESMOFLEX® CATALYST

Accelerator for DESMOFLEX POLYURETHANE

The DESMOFLEX® CATALYST is a reaction accelerator suitable for use in combination with DESMOFLEX® PU. It is used when the application will take place at low temperatures, when a thicker layer is required or to reduce the waiting time between the application of each layer. With the addition of the DESMOFLEX® CATALYST, the homogenous polymerization of the waterproofing membrane is accelerated and as a result, the next layer can be applied after 4-5 h, even in conditions of low humidity. At the same time, the formation of air bubbles is prevented, and mechanical strength is increased.



Advantages:

- Accelerated, homogenous polymerization of DESMOFLEX® PU.
- Rapid polymerization of DESMOFLEX® PU at low temperatures.
- Curing in low humidity conditions.
- Application of the next layer after 4-5 h.
- Thicker application layer without air bubbles forming.
- Increased thixotropy of the final mixture.
- Does not significantly affect the workable time of the mixture.
- Enhances the mechanical properties of the mixture.
- Non-toxic for the environment or humans.
- Does not degrade after initial unsealing.



TECHNICAL CHARACTERISTICS



Packaging:

- 750gr Plastic container



Consumption:

3% w/w of DESMOFLEX POLYURETHANE.



Color:

Transparent / yellowish



Storage:

Store in its well-sealed container, for up to 12 months since the production date, in a cool and dry place. Must be protected from solar radiation and frost.



Application:

Enhances the mechanical properties of the final mixture, making it suitable for the most demanding construction sites.

FIELDS OF APPLICATION

The DESMOFLEX® CATALYST is used when the DESMOFLEX® POLYURETHANE has to be applied at very low temperatures or in thick layer in combination with THRAKON FABRIC. In these cases, its use is indicated for the waterproofing of roofs, balconies, damp areas (bathrooms, kitchens, balconies, utility rooms, terraces, etc.), as well as spaces with high foot traffic and heavy loads. In addition, their combination is used for the roofing of vertical gardens, green roofs, etc. Lastly, it is used for the protection and water-proofing of civil engineering works - large public and private structures (bridges, stadiums, parking lots, etc.).

APPLICATION

1. Stir the DESMOFLEX® CATALYST then add 3% w/w to the quantity of DESMOFLEX® POLYURETHANE which will be applied.
2. Stir the mixture with the help of a drilling machine (300 rpm), for 2-3 minutes until it becomes homogenous. During stirring, the drill should be moved close to the walls and bottom of the vessel in order to evenly distribute the accelerator in the mixture.
3. The mixture should be used immediately after mixing and within 15-25 min on the properly prepared surface. After this time the mixture shall be discarded.

PRECAUTIONS

About information regarding safe use, storage and disposal of the product, read the information on the label and in the most recent product Material Safety Data Sheet. The product Material Safety Data Sheet is available upon request to professionals. The skin and eyes must be protected. Protective gloves and goggles must be worn when applying the paint. In case of contact with the eyes, rinse immediately with plenty of water and consult a physician. The product should be kept out of the reach of children. Leftovers should not be disposed of with household waste. Advice should be sought from the local authority regarding the disposal and collection of waste. National poison information center tel.: 210-7793777.

WARNINGS - INFORMATION

When DESMOFLEX® CATALYST is applied at low temperature (-10°C to 8°C), it must be maintained in a heated place for at least 24 hours. Also, the coating of large thicknesses at the final mixture, must be avoided. On the contrary, its use at temperatures higher than 30°C, should also be avoided.

DESMOFLEX® CATALYST can be used for a long time after the package's opening, even if the origin shade of the color, shows changes.

For large final thicknesses during the application of the mixture, there is a chance that air is trapped. To avoid air trapped, the final surface must be passed with a spiked roller.

The workability time of the final mixture depends on the environmental conditions (temperature and humidity). At higher temperatures the shelf life of the mixture is drastically reduced, while at lower temperatures it is prolonged. The product must be applied at temperatures between 5°C and 30°C. Keep young children and babies away from the product.

It is intended for professional use only.

*Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50% and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.

Version B: 03/03/2026