

ACCELERATOR-5000

Set accelerator for ISOFLEX-PU 500

Description

ACCELERATOR-5000 is a special set accelerator for ISOFLEX-PU 500 that enables its application at low temperatures or in thicker layers. It also increases the thixotropy and mechanical strength of ISOFLEX-PU 500.

Fields of application

It is added to ISOFLEX-PU 500 to accelerate its setting. It offers the following advantages:

- It enables the application of ISOFLEX-PU 500 at low temperatures.
- It prevents the appearance of air bubbles, when ISOFLEX-PU 500 is applied in thick layers.
- It allows ISOFLEX-PU 500 to set under low humidity conditions.

Technical data

Color: transparent/pale yellow
Density: 1.0 kg/l

Directions for use

ACCELERATOR-5000 should be shaken before it is opened and added to ISOFLEX-PU 500. They are then mixed and stirred with a low-speed mixer (300 rpm.), so that the mixture becomes homogeneous. Extensive stirring should be avoided, in order to prevent air entrapment in the material.

ISOFLEX-PU 500 should be applied immediately after the addition of ACCELERATOR-5000, as the mixture's pot life is approx. 15 minutes.

Application at temperatures between -10°C and +8°C

Before the application, the containers of ISOFLEX-PU 500 and ACCELERATOR-5000 must have been stored in a heated space (at temperatures > +18°C) for at least 24 hours. At low temperatures, thick application layers

should be avoided, while it is also essential to add SM-16 special solvent (approx. 5% by weight).

Application at temperatures between +8°C and +30°C

After mixing ISOFLEX-PU 500 with ACCELERATOR-5000, it is optional to add SM-16 special solvent (2-5% by weight), as the accelerator increases the viscosity of ISOFLEX-PU 500.

Application at temperatures > +30°C

The use of the accelerator at temperatures higher than 30°C should be avoided, as the pot life of ISOFLEX-PU 500 will be extremely short.

Consumption

6% by weight of ISOFLEX-PU 500:

- 1.5 kg of ACCELERATOR-5000 per 25 kg of ISOFLEX-PU 500.
- 360 g of ACCELERATOR-5000 per 6 kg of ISOFLEX-PU 500.
- 60 g of ACCELERATOR-5000 per 1 kg of ISOFLEX-PU 500.

Packaging

1 kg containers.

Shelf-life/Storage

12 months from production date, if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sun exposure and frost.

Remarks

- The mixture's pot life, after the addition of the accelerator, depends on the temperature and humidity conditions on site.
- Containers of ACCELERATOR-5000 that are opened may be used again,

ACCELERATOR-5000



even if the original pale yellow color of the material has turned brown. If in doubt, please contact the company's Technical Support Department.

- Although the addition of ACCELERATOR-5000 allows the application of ISOFLEX-PU 500 in thicker layers, in case of using more than 1 kg/m²/coat, it is recommended to treat the surface with a special, spiked roller, in order to help the entrapped air escape.

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