



TRITON TWS-FASTCOAT PU ACCELERANT

Description

The moisture-cured TWS-FASTCOAT can require, under certain conditions quicker setting and curing because of job time constraints or low temperature and air humidity. TRITON TWS-FASTCOAT PU ACCELERANT dramatically reduces the curing time with no loss of relevant TRITON TWS-Fastcoat properties. It enables the Triton TWS-Fastcoat to obtain a surface skin in a short time, reducing risk of damage by rain, curtaining, drips or runs etc, and allow return to service after a few hours.

Technical Data

Chemical Description:	Catalyst Solution in organic solvent
Physical State:	Liquid
Packaging:	Metal Container 1.5kg
Non Volatile Content:	43%
Flash point:	26°C
Colour:	Clear Yellow. Colour is unstable under sunlight.
Density:	0.99 g/cm ³ (20°C)
Viscosity (Approx. Brookfield):	20°C, s62, 100rpm: 5 mPa.s
VOC Content:	572g/L, 57%
Storage:	Keep at temperatures below 35°C, away from ignition sources and moisture.
Use before:	12 months after manufacturing date.

Recommended Environmental Conditions

Addition of TRITON TWS-FASTCOAT PU ACCELERANT reduces the effect of humidity and low temperature when using TRITON TWS-Fastcoat in difficult conditions, however there are limitations and the manufacturer should always be consulted before attempting to use the accelerator. Already wet or freezing substrates cannot be coated.

Mixing Details

TRITON TWS-FASTCOAT PU ACCELERANT is delivered in pre-dosed containers of 1.5kg each, ready to pour into a 25kg TWS-Fastcoat container.

This is equivalent, as general rule to:

By weight: TWS-Fastcoat: 100 parts to TWS-Fastcoat PU Accelerant: 6 parts

By volume: TWS-Fastcoat: 100 parts to TWS-FASTCOAT PU ACCELERANT: 8 parts

Do not use an excess of TRITON TWS-FASTCOAT PU ACCELERANT. Excess product can lead to a loss of membrane properties and will not accelerate curing any further.

Mixture Properties

Addition of the TRITON TWS-FASTCOAT PU ACCELERANT lowers the viscosity of the TRITON TWS-Fastcoat. Depending on temperature and initial TRITON TWS-Fastcoat viscosity values, viscosity drop may be up to 50%. Bear this in mind when considering application quantities, vertical application etc.

Mixing and Application

Pour the TRITON TWS-FASTCOAT PU ACCELERANT gently into the TRITON TWS-Fastcoat and mix slowly with a stirrer. Wait a few minutes before application and use the mixture following the general application instructions and guidelines of the Triton TWS-Fastcoat.

Addition of TRITON TWS-FASTCOAT PU ACCELERANT has an effect on the viscosity and solids content of TRITON TWS-Fastcoat. Please take this into account when calculating the amount and thickness of TRITON TWS-Fastcoat if a final coat of 1.5-2mm minimum is to be obtained.

After mixing, the modified TRITON TWS-Fastcoat must be used entirely.



Curing Time

Curing time for mixtures TRITON TWS-Fastcoat/ TRITON TWS-FASTCOAT PU ACCELERANT, 1mm thick, approximate:

Conditions °C	Pot Life (mins)
5	180
23	60
35	30

Questions and Answers

What if a different ratio is used?

Less TRITON TWS-FASTCOAT PU ACCELERANT than needed will make the curing time longer, but no damage is expected.

Using more TRITON TWS-FASTCOAT PU ACCELERANT than needed does not reduce drying time, and will significantly reduce the final membrane properties.

What happens in case of rain?

Early rain resistance, and protective 'skin' development takes place much faster. Use of TRITON TWS-FASTCOAT PU ACCELERANT can therefore, be highly recommended in case of risk of rain.

Could it be used for our moisture-cured Polyurethanes?

The formulation is not designed for use with other products.

Safety

TRITON TWS-FASTCOAT PU ACCELERANT contains flammable solvents. Always follow the instructions provided in the MSDS and take all precautions described. This product is only to be used by industrial or professional users. It is not suitable for DIY-type uses. Suitable for outside or extremely well ventilated spaces only.

Safety

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorised waste manager. If there is some residual waste in the containers, do not mix with any other substances without checking for possible dangerous reactions.

Other information

The information contained in this data sheet, as well as our advice, both written as verbal or provided through testing, are based on our experience and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to use the application or any of its products, and strongly advise to conduct tests 'on site' in order to determine their convenience for a specific project. Our recommendations do not exempt the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

For further information please contact:

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