

ACCELERATOR FOR PU 2K

RAYSTON
products



Curing additive for 2-component PU

DESCRIPTION



Two-component polyurethane systems may require, under certain conditions, a faster curing process, because of job constraints or low temperature and air humidity. Accelerator for PU 2k reduces dramatically the curing time of Impermax 2kM with no loss of relevant properties.

It allows to obtain a surface skin in a short time, reducing risk of damage by rain, drift, slopes, etc, and it can be put into service after few hours, with less residual

tacking effect.

TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION

Chemical description	Polyurethane catalyst
Physical state	Liquid
Packaging	Plastic container: 150 g each
Non-volatile content	10%
Flash point	101°C
Colour	Clear yellow
Density	0,85 g/cm ³ (20°C)
Viscosity Approximate, Brookfield	20°C, s62, 100 rpm: 5 mPa.s
Storage	Keep at temperatures between 35°C away from ignition sources and moisture.
Use before	12 months after delivery

RECOMMENDED ENVIRONMENTAL CONDITIONS

Addition of Accelerator for PU 2k reduces the effect of air moisture in the curing process. Nevertheless, it is recommended to follow the general guidelines of the PU product, paying attention to the limitations of temperature and air humidity.

MIXING RATIO

Accelerator for PU 2kis delivered in flasks with 150 g each. The following dosification is a guide:

Product	Recommended dose
Impermax 2k M	150 g for 25kg of A+B (0.5%)

MIXING AND APPLICATION

Pour gently Accelerator for PU 2k into the component A of Impermax 2kM and mix with a low-speed stirring before adding the B component. Follow general guidelines for Impermax 2kM use.

CURING TIME AND POT LIFE

Product	Temperature (°C)	Curing time	Pot life
Impermax 2K M	13	4h	25 min

Paviflex and Pavifloor acquire hardness to the touch time after application. Indicative values on the evolution of shore D hardness (2 mm, 25°C, 50% hr)

Paviflex

Time	Hardness Shore D
5 hours	22
24 hours	30
48 hours	33

7 days 43

Pavifloor

Time	Hardness Shore D
2 hours	27
24 hours	33
48 hours	41
7 days	55

QUESTIONS AND ANSWERS

Question	Answer
What if a different ratio is used?	The recommended mixing ratio is a guideline. Decreasing quantities will extend the pot life and curing time without impairment of mechanical properties. Increasing the amount of catalyst will speed up the reaction at risk of reducing the pot life and getting surface defects.
Could it be used for other single component, moisture-cured polyurethanes?	

TOOL CLEANING

Use Rayston solvent to clean the tools.

SAFETY

Accelerator for Pu 2k contains organic solvents. Always follow the instructions provided in the material safety data sheet and take the precautions there described. This product is to be used only by industrial or professional users. It is not suitable for DIY-type uses.

ENVIRONMENTAL PRECAUTIONS

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 authorized waste manager. If there is some residual product in the containers, do not mix it with 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 the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project.

Our recommendations do not exempt of 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.

This Data Sheet supersedes previous versions.



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