

RAYSTON TPO PRIMER

RAYSTON
products



Primer for existing exposed TPO/FPO thermoplastic membranes on roofs

DESCRIPTION AND APPLICATIONS

Rayston TPO Primer is a one-component, low viscosity, solvent based resin designed to prime existing TPO/FPO membranes prior to the application of liquid applied waterproofing systems (polyurethanes and polyureas).

APPLICATIONS

Primer for liquid applied waterproofing membranes (polyurethanes and Polyureas) over existing TPO/FPO single ply waterproofing membranes on roofs. New buildings and repair works. Not recommended for other types of polyolefins or waterproofing single ply membranes like PVC or EPDM.

PROPERTIES

- Excellent adhesion on (recently/non recently) exposed TPO/FPO waterproofing membranes.
- One component.
- Low viscosity.
- Extremely quick drying.

TECHNICAL DATA

INFORMATION OF THE PRODUCT BEFORE APPLICATION

Chemical description	Single component resin in organic solvent
Physical state	Liquid
Packaging	Metal container: 4 kg and 20 kg
Non-volatile content	17%
Colour	Clear, slightly brown
Density	0,89 g/cm ³ (25°C)
Viscosity	50 mPa.s (25°C)
Storage	Keep below 35°C in a dry place away from heat and ignition sources.
Use before	12 months after manufacturing date

INFORMATION ON THE FINAL PRODUCT

Final state	Solid film
Color	Colorless to slightly brown
UV resistance	Film turns to yellow when exposed to sunlight. This discoloration does not affect its mechanical properties.

WEATHER CONDITIONS

Apply only when substrate and ambient temperatures exceed 5°C and are declining. Surface temperature must be 3°C above the dew point to avoid liquid water condensation on the surface.

APPLICATION

The substrate must be dry, sound and free from dust, loose particles, grease, oils, waxes and any contaminant that would hinder adhesion. Surface can be cleaned with a high-pressure washer.

Apply with brush or roller at a consumption of 100-150 grams/m². Main coat may be applied as soon as primer is no longer tacky, approximately 15-30 minutes after the application of the Rayston TPO Primer (20-25°C). Curing time is dependent on environmental conditions (drying rate increases with temperature).

Previous adhesion tests between the resin to be applied and the support are recommended, especially if its nature and composition are not known exactly.

TOOL CLEANING

Rayston TPO Primer can be cleaned with Rayston Solvent. Once hardened, it cannot be dissolved.

SAFETY

Rayston TPO Primer contains flammable solvents. Always follow the instructions provided in the material safety data sheet and take the precautions described there. As a rule, a suitable ventilation must be ensured and all contact with skin prevented. This product is intended to be used only for the uses and in the way here 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.

OTHER INFORMATION

The information contained in this Technical 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" 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 all previous versions.



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