

ANTI-SLIP ADITIVE

RAYSTON
products



Fine or coarse aggregates to be mixed with resin for an anti-slip finish

DESCRIPTION

One-component polyurethane products form high-quality coatings, suitable for flooring or waterproofing application. However, their hard-and-smooth surface properties make them prone to generate slippery materials when wet. Quartz sand spreaded over can solve many of these problems, but its application in more demanding because the spreading is done on an intermediate coat that must be cleaned and over coated with a final sealing layer. The combined coats give a rough, elastic and continuous material.

Anti-slip Additive gives the applicator the possibility of achieving the rough surface in a single coat. It can be added, in the desired amount, to the final liquid that must be applied as a topcoat, with no settling problems.

Available in fine and coarse grades.

ADVANTAGES

- Anti-slip finish, that reduces danger of slipping when wet.
- Direct mixing with the liquid product (Impertrans/Colodur). Prior to application, and upon gently stirring, the mixture is homogeneous, with no settling.
- Excellent dispersion and finish regularity.
- Regular and low-visibility roughness. At the recommended amounts, aesthetic appearance of the surface is very little affected.

TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION

Chemical description	High density polyethylene dust
Physical state	Powder
Packaging	Metalic 1 kg
Colour	White
Density	0.95 g/cm ³ (20°C)
Particle diameter	Fine grade Maximun: 90 µm Average: 40-60 µm Coarse grade Maximun: 700 µm
Storage	Keep away from moisture, in its sealed container. Best used up to 24 months after manufacture.

RECOMMENDED DOSAGE

Exact amount of the additive can be adjusted depending on the desired degree of anti-slip effect. Approximate quantites are 5% for the fine-grade additive and 15% for the coarse grade.

APPLICATION

Use Anti-slip Additive in the topcoat, in such a way that it is used in the surface material.

In heavy abrasive conditions (traffic) it is recommended to choose hard, sant-type fillers instead of the Anti-slip Additive.

Use roller, airless spraying gun, etc. Avoid local accumulations of product.

On porous substrates, ensure that a previous sealing coat of non-treated product is applied.

The coarse-grade additive may yellow slightly and should not be used on transparent or white / clear supports.

POT LIFE

Anti-slip Additive does not react with the one-component polyurethane product. The mixture can be kept without danger of puddle formation. Any sedimented fraction can be redispersed easily with gently stirring.

CURING TIME

Use of Anti-slip Additive does not change curing and return-to-service time of the original polyurethane resins (Impermax/Colodur).

SAFETY

Always follow instructions on the Material Safety Data Sheet.

ENVIRONMENTAL PRECAUTIONS

Containers must be considered as a waste to be transferred to an authorized waste manager.

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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