

Lencolo 4020 Amino-based Adhesion Promoter for Glass

Description

Lencolo 4020 is a special amino-functional silane polymer that enhances the adhesion of coatings to glass and metal substrates, thereby improving the water resistance, salt spray resistance, and overall durability of the coating.

Technical Data

Composition	Amino-functional silane polymer
Appearance	Transparent liquid
Specific Gravity	1.05
Active Content (%)	100%

Product Features

Used in epoxy adhesives and sealants to improve adhesive performance

Enhances coating adhesion on glass and metal substrates

Improves water resistance and salt spray resistance of the coating film

Offers improved storage stability

Applications

Various coatings and ink systems; adhesives; elastomers; caulking agents, etc.

Recommended Usage

Dosage: Add 1–2% based on the solid content of the resin, added afterwards. For epoxy systems, it can be added to the curing agent.

Precautions

1. This product may react with isocyanate or phenolic-amine curing agents. Conduct a small-scale trial to confirm system compatibility and avoid gelling.
2. When used in epoxy coating systems, it should be added to the curing agent. Perform a small-scale trial to confirm the appropriate dosage and compatibility.
3. This product contains amine groups; prolonged storage may cause darkening of the color, but performance is not affected.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 25 kg per drum

Tips: Lencolo 4020 has good adhesion to glass. It has better stability than 4021 when 4020 added to the curing agent.

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.