

CLEAR POLYESTER

Code: RPE 000

Color: Clear

PROPERTIES

A two components Polyester clear, made in Italy, is a type of polyester resin that is transparent or clear in its final form. It is commonly used in various applications due to its durability, chemical resistance, and aesthetic properties. As well as it has a strong odor.

RECOMMENDED USES

- ✓ Used as a protective and decorative coating for various surfaces, including wood, metal, and plastic.
- ✓ Serves as a strong adhesive for bonding materials in construction and manufacturing.
- ✓ Art and Crafts

PERFORMANCE BENEFITS

- ✓ Provides a high-gloss, clear finish that enhances the appearance of underlying materials.
- ✓ Offers a protective layer that shields surfaces from environmental damage, scratches, and impacts.
- ✓ Excellent chemical, abrasion and impact resistant

CHARACTERISTIC DATA

Tests	Norms	Results
Specific Gravity (g/cm ³)	ASTM D1475	1.4
Consistency, at 25°C	ASTM D562	40 ± 2 Poises
Total Volatile Organic Compound (VOC)	ASTM D3960	< 20 g/L
Hardener Percentage	-	2.5%

APPLICATIONS GUIDE

Surface Preparation

Before applying Clear Polyester, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc...) in order to avoid the risk of surface failing.

Mix thoroughly 2.5% by volume of the hardener with Polyester clear. Leave the mixture for 10 minutes to allow a complete chemical reaction between the components. This product does not create air bubbles.

It is not applied by brush or roller; it is by molding directly and polished at the end. A thickness of 12 cm can be achieved with the condition that 1 cm is applied each day.

Drying Time

Full Cure: At least 72 hours

SHELF LIFE

Clear Polyester should be stored in undamaged and unopened containers in a well-ventilated area where the humidity does not exceed 85%, the temperature varies between 5 and 35°C and far away from any heat or freezing source or a direct exposure to sunlight. Under these conditions, the shelf life of clear polyester will be 6 months to 1 year. After this period the product is subjected to re-inspection. Proper handling is essential to maintain good quality.

HEALTH & SAFETY

Before using this product, please consult our Safety Data Sheet (SDS) for complete information on Hazards Identification, First-Aid and Fire-Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control and Personal Protection, Stability and Reactivity, Toxicological Information, and Transport Information.

QUALITY ASSURANCE

BMA Commercial & Industrial s.a.l is a holder of the ISO 9001:2015 and ISO 45001:2018 certificates, which guarantees that all operations are conducted in compliance with International Standards.

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