

Technical Data Sheet

ACECOPUR

DESCRIPTION

100% multi-purpose, two-component, colored polyurethane resin solid, solvent-free, for normal use in systems of self-levelling, multilayers, and other decorative uses both in industrial and aesthetic flooring, high mechanical resistance and chemistry.

ANALYSIS OF COMPONENTS

	Component ACECOPUR A	Component ACECOPUR B
DESCRIPTION	Isocyanate	Mixture of polyols
Appearance	Liquid	Pigmented liquid according to RAL
Color	Amber	Off-White / Pigmented
Mix ratio by volume	18-20	100
Freezing point	Below 0 °C (32°F)	N/A
Viscosity at 20 °C	190 mpas	3600 mpas
Viscosity at 20 °C	1,20	1,35

PROPERTIES OF THE SYSTEM

PROPERTIES	OUTCOME	TEST
Hardness	SHORE D 55-60	ISO 868
Reactivity at 20 °C / Drying	60' / 5 H	
Density at 25 °C	1,31	
Solids	100%	
Volatile organic components	0%	
Elongation	38% ± 10%	ISO 527
Breaking strength	16 ± 10% Mpa	ISO 527
Tear resistance (Type C given)	60 Nmm	D53515
Use temperature	5°C - 45°C	
Adhesion	Concrete > 450 PSI	ASTM D 4541
Abrasion resistance: mg loss / 1000 cycles, 1000 g	With wheel H-18 155mg	ASTM D 4060
Weathering	Aromatic system. Aliphatic coating required when not having another type of protection.	

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STORAGE AND TRANSPORT

Component A/ Isocyanate:

The original drums must be kept perfectly well closed to prevent contamination from moisture or other materials, which could adversely affect the processing of the product. This product reacts slowly with water, thus forming polyureas and releasing CO₂, which can cause sealed drums to expand and rupture.

It is recommended to store this product between 24°C - 40°C (75°F - 104°F) and can be stored for 12 months keeping the product in its original well-closed containers at 25°C (77°F).

Component B/ Polyol:

It is recommended to store this product between 10 °C – 45 °C (50 °F – 113 °F) away from light and sun. It can be stored for 12 months keeping the product in its original well-closed containers at 25 °C (77 °F).

Product transportation will be carried out in accordance with the current legislation in each territory regarding land and sea transport. Air transport is not allowed.

Consult the safety data sheet to know the classification of the substances in each case.

WASTE MANAGEMENT

In accordance with the provisions of Law 11/1997 and Article 18.1 of the Regulations that develops “the person responsible for the delivery of the packaging waste or used packaging for its correct environmental management will be the ultimate possessor thereof.”

WARRANTY AND LIMITATIONS OF LIABILITY

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Ace Coatings disclaims all other warranties expressed or implied by law or trade practice, including but not limited to any warranty of fitness for a particular purpose or use.

Any claim submitted under this guarantee must be presented by the buyer directly to Ace Coatings, by written communication within a maximum period of 5 days from the detection of the defect, in no case beyond the expiration date of the product, or in any case, no later than 1 year from the date of delivery of the product to the buyer (the earlier option will be valid).

The buyer will not be able to make use of the guarantee if he does not notify Ace Coatings of the non-conformity as indicated above. Ace Coatings shall, in no event and under no circumstances (including negligence of any kind, strict liability or damages), be liable for any indirect, special, incidental or consequential damages related to, arising out of or resulting from any use of the product.

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