

Technical Data Sheet

ACE 365

DESCRIPTION

ACE 365 is an elastic aliphatic polyurethane coating. This two component solvent based system, has a high content of solids, glossy finish and great weathering performance and UV stability.

INTENDED USES

- Colored and glossy finish coating for decoration and industrial equipments.
- Top-coat for the UV protection of ACE polyurethane and polyurea waterproofing aromatic systems.

PRODUCT TECHNICAL DATA

Finish:	Glossy
Mixing ratio:	100/8,78
Solids content:	71,5%
COV	A + B < 500 g/l - 2004/42/II A classification
Density at 25°C (mixture):	A: 1,160 g/cm ³ / B: 1,010 g/cm ³
Viscosity at 25°C:	A: 90 cps / B: 1100cps

DRYING TIME (20°C, 60% RH)

Pot-life:	1,5 h
Tack-free dry:	6 hours
Complete curing:	7 days
Recoating times:	minimum 6 h - maximum 24 h
Putting into service :	- Pissable 24 h
	- Pedestrian traffic 48 h
	- Light vehicles traffic 72 h
	- Water immersion 5 days

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Do not apply with air relative humidity above 80%, nor air temperatures below 10°C.

The crosslinking and hardening time of the resin may vary and at higher temperatures, the times will be reduced, while lower temperatures will slow down the curing and hardening processes. With very low temperatures the use of ACE BOOSTER is advisable to speed up the reaction. Please consult our technical staff.

The substrate temperature must be 5°C to 35°C and at least 3°C above the dew point.

The recommended temperature of both components before mixing should be between 15°C and 25°C.

APPLICATION METHOD

COMPONENTS MIXING PROCEDURE:

ACE 365 is supplied in two components, which must be homogenized separately using a mixing equipment at medium speed before putting both together; Then mix using electric mixing equipment at medium speed, until a homogeneous product is obtained and a homogeneous color is achieved.

SURFACE PREPARATION

Substrates must be clean, dry, and open pore, so all of some of these actions must be taken before application of ACE 365:

- Cleaning of the substrate, removing existing dust, dirt, grease or efflorescence by mechanical suction
- Sanding of the surface to achieve an open pore surface, remove poorly adhered previous paints or unattached areas avoiding the contribution of water to the substrate
- Priming with ACE PRIMERFLEX or ACE EPOPRIMER range with a yield of 0,200 Kg/m². Choose the suitable primer according to the substrate and its conditions.
- ACE 365 can be applied to dry and clean polyurea and polyurethane ACE waterproofing systems within 24h from their application. After deadline, the waterproofing membrane must be activated with ACE PROADHESIVE or acetone.

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APPLICATION

The mixture should be spread by a short nap acrylic wool roller, by brush or airless spray gun, depending on the application, respecting the indicated pot-life time.

In case of need of dilution, for example for application by airless spray gun, a maximum 10% of xilene thinner can be added up. Solvents other than those in our specific solvent line should not be used for this purpose. For any other mixture, please consult our technical department.

If desired, an anti-slip finish can be created by spreading on the wet substrate aggregates like silica sand or micronized plastic/glass in the consumption desired by the customer. Recommended size 0.4-0,8 mm

HEALTH AND SAFETY

Respiratory Protection: Use an air-purifying respirator while handling or spraying.

Skin protection: Use rubber gloves, remove immediately after contamination.

Wear clean body-covering.

Wash thoroughly with soap and water after work and before eating, drinking or smoking.

Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.

Waste generation should be avoided or minimized. Incinerate under controlled conditions in accordance with local laws and national regulations.

These safety recommendations for handling, are necessary for the implementation process as well as in the pre and post, on exposure to the loading machinery.

Always read the material and safety data sheet of the product (MSDS) before use.

In case of doubt contact our technical staff.

PACKAGING

Metal drum kit:

Net weight 20kg: Component A: 18,38kg. Component B: 1,62kg.

Net weight 5 Kg: Component A: 4,60kg. Component B: 0,40 kg.

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SHELF LIFE

Keep in the original unopened container at temperatures between +8 and +25 °C in a dry and well ventilated area.

Shelf life of this product is 12 months in sealed original drums.

WARRANTY AND LIMITATIONS OF LIABILITY

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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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