PRODUCT

PU COAT

Two-Component Acrylic-Polyurethane Semi-Gloss Top Coat

DESCRIPTION

PU COAT is a high quality two component, solvent born, Acrylic Polyurethane Top Coat, with good hardness and elasticity, highly abrasion resistance, good gloss and color retention, with excellent exterior durability and non-yellowing properties.

USES

Top coat for multicoat systems.
High resistance to chemical agents, saline solutions and exposure to aggressive industrial and marine environment.

SPECIFICATIONS

- Classification UNI 8681:CB	Two packs, semi-gloss, solvent born acrylic polyurethane top coat (B4.A.0-2.C.O.CB) to be mixed immediately before using .
- Colour:	Upon request.
- Thickness EN 13300:	Class A, fine (<100 µm) approx. 60 µm
- Theoretical spreading rate:	7.9 m^2/l
- Theoretical consumption:	160 g/m^2
- Adhesion:	Cross cut test: ISO value = 0
- Mixing ratio:	3 parts “A” to 1 part “B” by weight
- Specific gravity:	(A+B) 1200 ± 50 g/l
- Solid content:	(A+B) 68 ± 2 %
- V.O.C.	480 g/l
- Pot-Life:	> 3 hours
- Touch dry:	4 hours
- Hard dry	12 hours
- Overcoating time:	12-36 hours
- Number of coats:	1 – 2
- Thinning:	0-5% if strictly required, Polyurethane diluent.
- Flash Point:	> 25°C
- Application Temperature:	+5 / +40°
- Service temperature:	Dry exposure 130°C
- Storage life:	18 months.
- Packing:	5 and 10 Kg. units

HOW TO USE

SURFACE PREPARATION

Preparation depending on used primer. Surfaces must be clean and dry.

MIXING

Check uniformity of each component and stir parts "A" and "B" separately.
Mix only the quantity of material that can be used before expiration of pot-life. For standard quantities, pour all of part "B" into can containing part "A". Mix thoroughly using a mechanical low speed mixer with a paint mixing paddle until material attains uniform consistency and colour. Carefully scrape the sides and bottom of the containers while mixing. Thorough mixing will take 3 to 5 minutes.
For larger batches check uniformity of each component, stir parts "A" and "B" separately and thoroughly, measure the two components as specified on the labels into a clean container and proceed as above.

APPLICATION

Spray – Airless
Pump ratio 30:1
Nozzle orifice: 0,011 – 0.015 inches
Nozzle pressure 140-180 atm

PU COAT should be applied on the relevant intermediate coats (#100 COAT or #777 COAT)

IMPORTANT

Care must be taken to reseal the B (hardener) kit tightly immediately after use, as reacts with the moisture in the air.

CLEAN UP

Clean the equipment with Solvent OMNIA

HANDLING AND TOXICITY

"A" and "B" Components for Industrial Use Only!

PU COAT is flammable and due precautin should be taken.
Good ventilation is necessary for indoor work and great care should be taken to avoid inhalation of vapour from heated material. Skin contact should be avoided by wearing impervious gloves (rubber or disposable polyethylene), and by using suitable goggles for eyes; barrier creams such as Kerodex N. 7 may also assist in affording additional protection. Any accidentally contaminated skin areas should be cleansed immediately with soap and water and/or a suitable resin removal cream. For eyes, flush with plenty of water and get medical attention immediately.

The use of solvents for skin cleansing should be avoided.

All information and direction contained in this technical data sheet are given in good faith and are based on the best known practical test.
SINIT, when having no control over transport, storage, handling, use and application of its product, must disclaim all responsibilities for any unsatisfactory results obtained.

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These data supersede all previously published data.