

DESCRIPTION

Two-component aliphatic polyurethane (polyester) for the protection of indoor and outdoor floors and pavements with high mechanical resistance.

- Hard, elastic film with great resistance to wear and impact.
- Exceptional weathering resistance and very good colour and gloss retention.
- For application on steel and concrete floors, previously primed with epoxy primers, even in chemically aggressive industrial environments, indoors and outdoors.
- For traffic areas of cars, lorries and forklifts, elevators in warehouses, parking lots, etc.
- Suitable for painting swimming pools.

TECHNICAL DATA

Product Type	Aliphatic polyurethane (polyester)
Finish	Semi gloss
Gloss (UNE EN ISO 2813)	60°: 50 - 60 GU
Colour (UNE EN ISO 11664-4)	Colour chart + White base B566 + Neutral base B597
Density (UNE EN ISO 2811-1)	1.16 - 1.34 Kg/l
Coverage	6 - 8 m ² /l (65 - 90 μ)
Drying at 23°C 60 % RH (UNE 48301)	3 - 4 hours
Recoat time at 23°C 60% RH (UNE 48283)	After 18 h / Maximum 5 days
Mixing Rate	Base: 2 / Hardener: 1
Pot Life at 23°C	3 - 4 hours
Methods of Application	Brush, roller and airless
Thinning	Airless: 5%
Nozzle Diameter	Airless: 0.015" - 0.018"
Thinner	DX810 Epoxy Thinner or DX820 Polyurethane Thinner
Equipment Cleaning	DX810 Epoxy Thinner

Recommended Thickness (UNE EN ISO 2808)	140 - 160 μ (2 coats)
Application Temperature, RH<80%	+10°C -+30°C
Tinting	TITANCOLOR Industrial System
Flash Point (UNE EN ISO 3679)	Base: 27°C / Hardener: 27°C
Volume Solids (UNE EN ISO 3233-3)	53 - 55%
VOC (UNE EN ISO 11890-2)	490 g/l
Pack sizes	White base + Neutral base: 15 l and 4 l / Colours: 4 l / Grey and Green: 4 l and 15 l

Variations in temperature, humidity, thickness, tinting or surface type, etc. may lead to changes in drying, in coverage or in other properties.

CERTIFICATES

Reaction to Fire UNE EN 13501-1: Bfl-s1 / on A2-s1, d0 substrate

Resistance to abrasion. UNE 48250 TABER Test Method (28 days drying at 23°C) / CS10 Abrasive / 1 kg Weight / 500 and 1000 cycles: loss 25 mg and 59.9 mg

Resistance to abrasion. UNE 48250 TABER Test Method (28 days drying at 23°C) / CS17 Abrasive / 1 kg Weight / 500 and 1000 cycles: loss 35.6 mg and 78.5 mg

Surfaces for pedestrian traffic. Determination of friction pendulum sliding resistance. Wet test. UNE 41901: 2017 EX: Class 1 (19). With spreading of fine corundum in the first coat (50 g / m²) Class 2 (31). With spreading of coarse corundum in the first coat (50 g / m²) Class 2 (37)

DIRECTIONS FOR USE

GENERAL REMARKS:

Thoroughly stir the contents in the pack, preferably with a mechanical stirrer. Let the mixture stand for 15 minutes before using it to help to remove air bubbles. The surfaces to be painted have to be clean, dry and consistent.

In the painting process, overlap before 15 minutes.

Do not step on for 24 hours. For light loads, allow a minimum of 48 hours before stepping on the coated pavement.

BARE SURFACES:

Concrete: Always apply it over PXB 710 Epoxy Floor Primer or PXB 700 Epoxy Floors. Leave it to dry for a minimum of 18 hours and a maximum of 72 hours.

Steel: Always apply it over SXB 200 Anticorrosive Epoxy Primer, HB SXB 210 Thick Coat Epoxy Primer or HB SXB 220 Epoxy Primer with High Zinc Content, according to the required painting scheme

Concrete Pools:

The results of the pool painting are directly related to the surface preparation, as well as its construction. The pool has to be externally waterproofed, with a suitable layer between the pool walls and the surrounding area.

New concrete pools: After construction, do not paint for at least 2 months. Treat the surface with a mixture of 1 part hydrochloric acid and 3 - 4 parts of water. Rinse with fresh water jet. It is also possible to prepare the surface with abrasive sandblasting in order to roughen the concrete. Let it to thoroughly dry for at least 48 hours and apply a coat of SXB 200 Epoxy Anticorrosive Primer thinned with 10% DX 810 Epoxy Thinner; once dry, apply two coats of PXB 730 Polyurethane Floors.

Old unpainted pools: Wash with a mixture of 1 kg of trisodium phosphate with 10 litres of water or with a 5% powder detergent solution in water. Remove mold and grease by rubbing with a scouring brush; rinse with fresh water jet and proceed as in new pools.

Polyester fibre pools: Sand and degrease. Apply 1 coat of SXB 200 Anticorrosive Epoxy Primer. After 18-24 hours, finish with two coats of PXB 730 Polyurethane Floors.

In any case, DO NOT fill the pool before 14 days have elapsed from the end of the PUR application.

For non slip finishes, sprinkle the second layer of PXB 730 Polyurethane Floors with 0.7-0.9 mm aggregate up to saturation. After 24 hours remove the poorly adhered aggregate rests and apply a top coat of PXB 730 Polyurethane Floors.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION

Only two-component schemes can be repainted. As for mono-component schemes thoroughly remove the previous coats and proceed as for bare surfaces.

If the scheme is two-component (Epoxy or Polyurethane), get rid of any grease or oil residue by means of fresh water jet or by cleaning with thinner. Roughen the surface to improve adhesion. Apply the coats of PXB 730 Polyurethane Floors, according to specifications.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION

Poorly adhered systems have to be scraped off. Then patch with the above-mentioned Epoxy Primer, preferably by brush. Finish according to the required scheme. If the poorly adhered surface is large, proceed as for bare surfaces.

PRECAUTIONS

Always read the pack label before use. For more information, please refer to the Safety Data Sheet.

Store in tightly closed containers protected from sources of heat and temperatures below 0°C. Shelf life: 36 months in original unopened packaging.

Waste management: Follow local legal regulations. Help to protect the environment, do not empty into drains, dispose of this material and its container at hazardous or special waste collection points. Calculate the amount of product you will need to avoid waste and extra costs. Collect the leftover material and keep it well stored for a new use. Paint reuse can effectively minimize environmental effects on the life cycle of products.

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Any technical sheet is automatically cancelled by a subsequent sheet or five years after the issue date. We guarantee the quality of our products. However, we disclaim any liability in relation to factors other than the coating itself or in relation to an unsuitable use or application method. In case of doubt, please refer to our technical service before applying the products.