



مصنع أنقى
Anqa Factory

ANQA POXY TC-300SF

Solvent Free, Epoxy Flooring Top Coat

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DESCRIPTION:

ANQA POXY TC-300SF is a solvent-free, 2K epoxy flooring top coat system, for technical flooring and high mechanical features required flooring.

ADVANTAGES:

- Easy to clean and smooth glossy, semi-gloss, or matte flooring that does not induce bacterial or fungal growth.
- Excellent chemical and mechanical resistance.
- Non-toxic.
- Exhibits good mechanical properties.
- Easy application.

APPLICATION AREAS:

- Showrooms.
- Warehouses.
- Car parks.
- Soft drink, beverage, and food processing and production plants.
- Dairies production areas.
- Maintenance & car wash shops' floors

APPLICATION METHOD:

Surfaces must be solid and cleaned of any loose particles, grease, and oil.

Use ANQA POXY repairing material to ensure proper floor preparation and readiness for coating.

Assure the compressive strength of the concrete floor before applying the product (at least 25 N/mm²)

Ensure the concrete relative humidity is less than 80%.

Relative humidity can be measured using a hygrometer.

Concrete relative humidity should be less than 80% (after 28 days old concrete)

Primer Application: A primer must be applied over porous and concrete surfaces; POXY PR-400SF is recommended.

Mixing: Mix POXY TC-300SF (2 parts: resin + hardener) according to the ratio specified on the packaging.

Application: Use a mechanical mixer to ensure uniform consistency and proper color distribution.

Coating: Coat using the appropriate tools, such as a brush, knife, notched trowel, spike roller, and spike shoes. Ensure the required quantity is mixed, and avoid using the mixed material (resin + hardener) after 1 hour (pot life).

COVERAGE:

2.3 sq.m/kg @400 micron coat

HEALTH & SAFETY:

Skin & Eye contact: Avoid prolonged contact with eyes and skin. For detailed information, refer to the relevant material safety data sheet.

Cleaning: use ANQA-POXY SOLV. remover solvent or any suitable solvent f to clean tools.

SHELF LIFE:

12 months for unopened containers; use older stock first.

WARNINGS:

- Do not overcoat on other flooring systems. Refer to our technical department for further instructions and recommendations before proceeding.

- ANQA POXY TC-300SF is not color stable if used on exposed areas and direct sunlight can affect the color stability.

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TECHNICAL SPECIFICATIONS:

SPECIFICATIONS	RESULTS
Appearance	Thick colored paint
Water permeability	≈ Zero
Solid Content (%) (Mixture)	100%
Specific gravity	≈1.50 kg/L ± 0.1
Pot life	40-60 minutes @ 25°C
Curing Time:	7 days
Dust Dry @30°C:	2 hours.
Hard Dry @30°C:	8 hours.
Mixing ratio	4:1 (resin:hardener)
VOC Content (ASTM D3690)	≤ 9 g/kg
Compressive strength:	
BS 6319-2	≥ 70 MPa at 7 days
Flexural strength:	
BS 6319-3	≥ 30MPa at 7 days