TECHNICAL DATA SHEET

EPOXY FLOOR TOP COAT

DESCRIPTION

City Paints Epoxy Floor Top Coat is a multi-component, solvent-free epoxy coating designed to provide a hard, durable, chemical-resistant finish for concrete floors. Suitable for hot and tropical climates, it delivers long-term protection and a smooth, glossy surface.

FEATURES & BENEFITS

- Easy to apply on concrete and steel
- High abrasion and impact resistance
- High-gloss, non-toxic finish
- Excellent chemical and mechanical resistance
- Resists splashes and incidental chemical spills
- Smooth, washable surface
- Can be used as non-slip coating with aggregates

USES

- Car parks & storage facilities
- Aircraft hangars & maintenance areas
- Potable water tank linings (concrete/steel)
- Traffic decking & wall coatings
- Pedestrian walkways
- Food, pharmaceutical & beverage facilities

TECHNICAL DATA

Property	Value
Appearance	Coloured Liquid
Pot Life	60–90 min @ 25°C
Initial Cure	12 hours
Final Cure	7 days
Recoat Time	8–24 hours
Mixed Density	1.45 ± 0.2 g/cc
Compressive Strength	>75 N/mm² (ASTM C109)
Flexural Strength	>27 N/mm² (DIN 1048)
Bond Strength	2.5 N/mm² (DIN ISO 4624)
Solids	100%
Coverage	75 m²/pack @ 200 microns
Packaging	15 L set (A+B)
Shelf Life	12 months
Storage	5–30°C, dry, cool area

METHOD OF USE

Surface Preparation

- Remove oil, dust, laitance, and contaminants
- Use wire brushing, grinding, sandblasting, or solvent cleaning
- Remove loose paint from previously coated surfaces
- Repair damaged areas before coating
- Ensure substrate is completely dry

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Application on Concrete

- New concrete: minimum **28 days cure**
- Remove laitance by grit blasting or grinding
- For very porous surfaces, pre-treat with Repair DP
- Apply **Epoxy Primer** before topcoat

Mixing

- Stir components separately
- Add hardener to base and mix for **3 minutes**
- Use slow-speed drill with mixing paddle

Application

- Apply with brush or lamb's wool roller
- Avoid ponding
- Apply second coat after initial drying (approx. 24 hours)

Cleaning

- Clean tools with **Solvent** immediately

LIMITATIONS

- Do not apply on surfaces with rising damp
- Not suitable for asphalt or PVC flooring
- Do not apply below **5°C**
- Relative humidity must be below **75%**

HEALTH & SAFETY

- Avoid contact with skin and eyes
- Ensure ventilation
- Wear gloves, protective clothing, and eye protection
- Do not use solvent on skin
- If swallowed, seek medical attention immediately

DISPOSAL

Dispose of spillages and empty containers according to local regulations.

LIMITED WARRANTY

Liability is limited to replacement of defective material. Application conditions are beyond manufacturer control.

DISPOSAL

Absorb spillages with sand/earth and dispose according to local regulations.

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