

EPIFLOOR PIGMENTED TOP COAT

EPT 10 XX

DESCRIPTION

EPT 10XX is a two component epoxy pigmented system designed to be applied to concrete floors by brush, roller or spraying over EPS 01.

EPT 10XX could be supplied in gloss, semi-gloss, and matt finish. Non-skid finish is available on request.

USES

EPT 10XX is ideal for use in warehouse areas, industrial floors, driveways, garages and parking decks to provide strong wear, abrasion and chemical resistance properties.

ADVANTAGES/BENEFITS

Impermeable Chemical resistance Tough. Improves abrasion resistance of concrete.

PACKAGING

EPT 10XX is an epoxy system consisting of mixing packaging of A and B as supplied i.e in a ratio of 4:1 respectively

TECHNICAL DATA

Appearance: Gloss, semi-gloss or matt opaque finish

Mixed density: 1.180 +/- 0.02 Kg/m³

Total solids of mix: 75% minimum as supplied, depending on color

Flexibility 2mils dry film: Excellent

APPLICATION/COVERAGE RATES

Coverage:

Min 20 m²/US Gal. per coat depending on surface texture and final appearance

Port life/Working time:

4 hours at 25°C

Application temperature

≥ 8° C

Tack free time

4 to 6 hours @ dependent on ventilation

Light trafficking

48 hours in 20° C

Full cure

7 days

Coats required

Two coats if used over EPS 01 primer, allowing a min. of 8hrs and a max. of 16 hrs interval between consecutive coats

SURFACE PREPERATION

New concrete must be a min. of 30 days old and free from all curing compounds, oil, dirt and unsound concrete. The concrete should possess an open surface texture clean and sound. The surface should be prepared mechanically using sandblast, shotblast which will give an open textured surface suitable for *EPS 01* application

Acid etching should only be used by only experienced contractors when mechanical preparation of surface is impractical. In this case all salts of reaction must be thoroughly pressure washed away.

Apply Epifloor primer sealer (refer to *EPS 01* data sheet). Allow drying 8 to 16hrs, then recoat with *EPT 10XX* as required.

MIXING

Add part A to part B at a min. temperature of 16° C

Mix for three minutes using a drill or propeller mixer.

Allow to stand for 20 to 30 minutes, then apply to concrete surface using brush, short nap roller, lambs wool applicator or, for best results, using an airless sprayer.

CLEAN-UP

Use Epifloor Cleaning Solvent (*ECS 011*) to clean tools and equipments.

Do not allow the *EPT 10XX* to harden before cleaning up.

STORAGE & PRECAUTIONS

- Use in a well ventilated area.
- Avoid application at temperature below 15° C.
- Keep away from sparks and open flames.
- Do not breathe fumes. Irritating to eyes, skin and respiratory system.
- Wear suitable gloves and eyes protection.
- Wear masks during application for face protection.
- Follow application /coverage rates. Heavy application could result in improper curing & poor performance.

ORIGIN OF RAW MATERIALS

EPT 10XX is manufactured from imported materials of U.S.A and European origin.