

LARCOTE PE PITCH EPOXY



Larcote PE (Pitch Epoxy) is a high-build, thixotropic coating, which when cured provides a hard, slightly flexible, water and vapour-proof black film for concrete or metal surfaces; coupled with resistance to abrasion and attack by many chemicals, dilute acids, alkalis, fuels, oils, etc. It is successfully used for long term protection of concrete and steel silos, chemical process plants, oil collection vats, sewage works, treatment plants, car park decks, etc. When a kiln-dried aggregate is applied to the final coat of Larcote PE, a hard wearing, slip-resistant, waterproof, chemical-resistant finish is provided, which is ideal for footbridges, car park decks, loading ramps, etc., and wet processing areas, such as, breweries, laundries, tanneries and sewage works.



ECONOMICAL HIGH PERFORMANCE COATING
EXCELLENT ADHESION
WATER AND VAPOUR-PROOF
EXCELLENT ABRASION RESISTANCE
ANTI-SKID AGGREGATE MAY BE INCLUDED
EXCELLENT CHEMICAL RESISTANCE
IDEAL FOR TANKING, INCLUDING PROTECTION OF CONCRETE FROM SILAGE

TECHNICAL INFORMATION:

PRODUCT INFORMATION	
COLOUR:	Black
SPECIFIC GRAVITY:	~1.35 g/ml
RECOMMENDED COATS:	2 - 3
MIN. TEMPERATURE:	5°C (substrate 8°C)
MAX. TEMPERATURE:	35°C
FILM THICKNESS:	150 - 180 microns per coat
POT LIFE:	75 mins @ 20°C, 120 mins @ 10°C
RE-PAINTABLE AFTER:	10 - 15 hrs @ 20°C, 24 hrs @ 10°C
FOOT TRAFFIC ON AFTER:	24 hrs @ 20°C, 48 hrs @ 10°C
FULL CHEMICAL RESISTANT CURE:	14 days @ 20°C, 28 days @ 10°C
TENSILE STRENGTH:	50 N/mm ²
ELONGATION AT BREAK:	25 - 35% @ 20°C
COVERAGE:	0.2 - 0.35 kg/m ² /coat (depending on porosity and texture of substrate)

DIRECTIONS FOR USE:

NOTE

Larcote PE should not be used in contact with foodstuffs or drinking water.

PREPARATION

All substrates must be sound, dry, and free from surface contaminants (e.g. oil, grease, chemicals, fats, rust, paint, etc). Concrete surface should be prepared thoroughly by mechanical means, enclosed grit blasting or grinding. Concrete should be at least 4 weeks old. Metal surfaces must be degreased and grit blasted to remove all traces of rust, scale, paint and oxide layers. Other mechanical means, such as, wire brushing, may be used for small areas. Primer is not necessary on cementitious materials.

MIXING

Mix all of Part A (resin) with all of Part B (hardener) thoroughly with a slow speed drill and paddle. Mix for 4 to 5 minutes until homogeneous, and use immediately. Do not split packs.

APPLICATION

The temperature of the substrate should be at least 8°C during application and throughout the curing period. Larcote PE should never be thinned. Best results are obtained when the temperature of the epoxy materials is between 15°C and 25°C during application. Larcote PE may be applied by brush, roller or airless spray. Re-coating should occur as soon as the previous coat is hard. Undercoats that are left longer than 72 hours (36 hours at temperatures over 18°C) should be lightly sanded to remove the gloss, and solvent wiped before re-coating occurs.

CLEANING

Clean tools, equipment, etc. immediately after use using suitable cleaning solvent.

STORAGE

Larcote PE should be stored in closed containers protected from extremes of temperature.

SHELF LIFE

12 months in unopened manufacturer's containers.

PACKAGING

5kg packs.