

HI-BOND PE1

DESCRIPTION

PE1 is a high build, solvent free, 2 pack petroleum distillate extended epoxy coating for concrete and metal surfaces.

ADVANTAGES

Hard wearing, chemical resistant coating having excellent adhesion to concrete and metal.

USES

PE1 provides tough chemically resistant protective coating for walls, floors, storage tanks etc. It is not suitable for contact with food stuffs or potable water.

TYPICAL PROPERTIES

S.G.	1.2
Volume Solids	100%
Film Thickness	250 microns @ 4 sq.m per litre
Pot Life (at 20°C)	2 hours
Application Temperature	10°C to 30°C
Cure Time (at 20°C)	2 -3 days (10 days full cure)
Service Temperature	-20°C to 35°C
Chemical Resistance	Resistant to acids, alkalis, detergents, diesel and petrol
Colour	Black

SURFACE PREPARATION

The efficiency of PE1 is dependant on the preparation of the substrate. All surfaces to be treated must be thoroughly cleaned and any contamination removed. Controlled hot compressed air is the ideal method. Shot blasting, and scarifying can also be used for preparation.

PRIMING

Is only recommended on mild steel

Add all the contents of Part "B" to all the contents of Part "A" and mix thoroughly. Failure to mix thoroughly could result in a poor or non-cured material. Apply immediately by brush or roller. The second coat should be applied within 24 hours. For non skid surfaces - prime with WB61. Apply a coat of PE1 and immediately broadcast non skid aggregate at the rate of 2kg per sq.m The following day, brush off excess aggregate and apply a second coat of PE1

COVERAGE

The recommended coverage rate would be 0.25litres per sq.m per coat. For two coats, this gives a final coating thickness of 500microns.

PACKAGING

PE1 is a two pack epoxy system packed in 5 litre units.

STORAGE

Store in sealed containers between 5°C and 30°C

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MIXING AND APPLICATION