

# HI-BOND P.I.R.F.

## DESCRIPTION

P.I.R.F. is a Pattern Imprinted Resin Flooring System based on epoxy technology as used in industry for over 30 years. It gives a closed in, impervious surface that is extremely hardwearing and chemical resistant.

## USES

Ideal for driveways, patios, paths, parking areas, garages and forecourts.

## ADVANTAGES

Strength	PIRF has strengths far in excess of concrete in compressive tensile and flexural strengths.
Adhesion	The bond strength is excellent, provided that the substrate has been properly prepared.
Life Span	Greater than expected for most modern buildings and should not require attention during this period.
Non-Slip	Can be made non-slip by Incorporating (Duralum White Aluminium Oxide. Ex Electro Minerals).

## TYPICAL TEST DATA

S.G.	2.05
Volume Solids	100%
Pot Life (at 20 °C)	45 minutes
Application temperature	5°C to 30°C
Foot traffic (at 20°C)	24 hours
Full cure (at 20°C)	7 days

For further information contact our technical department.

## SURFACE PREPARATION AND PRIMING

The efficiency of the PIRF is dependent on the preparation and priming of the substrate. EP1 should be used.

Once mixed, this should be applied to the substrate and brushed well in. The PIRF should be applied between 15 minutes and 3 hours after priming whilst the primer is still tacky.

The PIRF hardener should be added to the resin and mixed until homogeneous before adding the mix to the aggregate. The whole should then be mixed until a uniform consistency is obtained in a forced action mixer. The PIRF is then applied to the primed floor and spread evenly to the required thickness and trowelled with a steel trowel to obtain a uniform surface. Then the mat with the required pattern should be placed onto the surface, a uniform pressure applied to leave the impression.

## COVERAGE RATE

The coverage rate will be affected by the profile of the substrate and thickness of the screed.

## PACKAGING

PIRF is a three pack epoxy system packed in 55 kg units.

## STORAGE

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

## CLEANING

HiSolve should be used for cleaning tools, etc.

## HEALTH AND SAFETY

See separate Health and Safety Data Sheet.

## WARRANTY DISCLAIMER

The technical data herein has been compiled for your help and guidance and is based upon our experience. As we have no control over the use to which our information is put, no warranty, expressed or implied is intended or given and we cannot be held responsible for coverage, performance or any damages incurred.

Hi-bond Chemicals Ltd, Ince, Wigan, Lancs 01942 615800 DATA S/781998
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## MIXING AND APPLICATION