

High Performance Epoxy Resin Floor Coating System

Resbuild HB Coating is a two-part, solvent free epoxy floor coating which provides a hard-wearing, low maintenance finish for industrial & commercial applications.

- Solvent free, low odour
- Very good chemical resistance
- Excellent adhesion to concrete and steel
- High build
- Tough and durable
- Easily applied
- Hygienic and easily cleaned
- Slip resistant options



Technical Properties

COMPRESSIVE STRENGTH	
EN12190	>75MPa
ADHESION TO CONCRETE	
EN1542	3.6MPa (Concrete Failure)
POT LIFE	
20°C	45 Minutes
10°C	90 Minutes
SPEED OF CURE (20°C)	
Light Traffic	24 Hours
Full Traffic	48 Hours
Full Chemical Cure	7 Days
SPECIFIC GRAVITY (MIXED)	
20°C	1.55

Specification

Primer (if required)	Resbuild WB Primer @ 0.15kg/m ²
Coating	2 x coats Resbuild HB Coating @ 0.2-0.3kg/m ² /coat

Colour Range

Light Grey (RAL7035)	Beige (RAL1001)
Mid Grey (RAL7045)	Tile Red (Red Oxide)
Dark Grey (RAL7016)	Traffic Blue (RAL5017)
Goose Grey (BS00A05)	Leaf Green (RAL6002)
Black	Safety Yellow
White	

Slip Resistant Options

A range of options including Texturing Additive, Quartz & Aluminium Oxide can be incorporated into the system to provide slip resistant finishes. Please contact our technical department for more information.

Cleaning & Maintenance

Regular cleaning will improve the longevity of the coating. Clean using a suitable mild detergent or floor cleaner such as Resbuild Multi Surface Cleaner.

Packaging

Resbuild HB Coating is available in 6kg, 15kg and 25kg packs.

Substrate Requirements

Concrete or screed substrate should have a minimum compressive strength of 25MPa and be free from laitance, dust and other contamination. The residual moisture content should not be more than 6% and the substrate should be free from rising damp and hydrostatic pressure. Suitable mechanical preparation should be carried out prior to application of the system. If no damp proof membrane is present, then Resbuild DPM should be used prior to application of Resbuild HB Coating.

Health and Safety

Avoid contact of the material with skin and eyes.
Wear gloves and goggles
Wash off splashes immediately with soap and water.
Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information

Resbuild HB Coating shall be applied strictly in accordance with the manufacturer's instructions

Application

The surface temperature must exceed 10°C during the application and curing process.

Pre-mix the coloured base component to a uniform consistency then mix the entire contents of the curing agent with the base. Mix using a slow speed electric mixer for 2-3 minutes until a uniform consistency has been achieved.

Once mixed, the coating should be applied by brush or roller. The coating can also be spread using a squeegee and finished by roller. Ensure the material is applied consistently and cross roll to minimise roller marks.