

Core EP Grip

Two-Component Epoxy Primer
& Bonding Coat



Description

Core EP Grip is a solvent-free, two-component epoxy primer designed to promote strong, durable adhesion between cementitious substrates and subsequent epoxy/PU coatings, self-levelling floors, repair mortars and broadcast systems. Its low viscosity wets out porous concrete, seals dusting surfaces, and creates a high-bond key even on dense, power-trowelled slabs.

- Low viscosity – High capillary action sealing pores of the concrete.
- Easy application – Using a brush, roller or squeegee.
- Highly resistant – Including sea water, water, diluted acids, salt solutions, mineral oils, fuel, range of solvents etc.

Recommended Uses

- Priming and sealing of concrete substrate before application of Vertex flooring systems.
- Very useful in highly absorbent surfaces.
- Can be used as top coat on surfaces that are easy to clean.

SERVICES

Cementitious coating

Crystalling Coating

Addmixture

Sealant

Grout

Epoxy primer

Repair Mortar

Flooring

PU flooring

PU coating

Bitumen Coating

Latex

Waterstopper



Technical Data

TYPE			EH1
Colour			Transparent, light yellow
Mixing ratio		Ratio by weight	2.1
Density (23 C/50% rel. humidity)		kg/dm ³	1.10
Viscosity	at 10oC	mpas.	app. 1000–1500
		mpas.	app. 500–700
Re-coat Time	at 25oC	hours	16
	at 40oC	hours	10
Solid state		%	100
Adhesive tensile strength			Concrete failure

Important Information

Supplied in: 5kg and 15kg units.

Storage: Dry, frost free area. Out of direct sunlight.

Shelf life: 12 months.

Hazard Class: No dangerous Substances. Consult MSDS for details.

Consumption: 300-500g/m² for approximately 100-micron thickness

Application Guidelines

Surface preparation:

Anything that can impair adhesion must be removed including any grease, oil, dust, curing compounds or any previous coating using grit ballasting, milling or grinding. Mechanical wire brush can be used for small areas. The aggregate must be exposed and any repair must be done prior to application using Core cementitious or Core epoxy repair system.

Mixing:

Pour the Part B into the Part A and mix using a slow speed mixer (300-600 RPM) until homogenous. Make sure the material at the bottom and sides of the container are well mixed.

Application:

Apply the mixed material using a brush, roller or squeegee. If the primer has to be left formore than 24 hours then broadcast it with sand slightly. Substrate temperature should be greater than 10°C and not greater than 40°C and material temperature should be between 10°C to 35°C.

Information herein reflects Core Chemicals' current knowledge and assists specifiers/contractors. It does not replace project-specific trials to confirm suitability. Values are typical under standard conditions; site results may vary. Recommendations are offered in good faith without warranty, as conditions outside our control can affect performance. Core Chemicals may revise specifications without notice. Users are responsible for compliance with applicable standards and regulations. Technical assistance is available on request.

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