Technical datasheet

OTTOFLEX® Adhesive primer

The adhesion-enhancing primer for non-absorbent substrates

Synthetic resin dispersion based on styrene butadiene | For indoor and outdoor application | OFHG

Characteristics

- Adhesion-enhancing primer for floor and walls
- High-strength bond adhesion even on sealed, smooth substrates such as glazed ceramic tiles
- Very short, 1-hour drying time on non-absorptive substrates; no drying time on absorptive substrates
- Compatible with commercially available tile adhesives and solvent-free coatings
- Solvent-free
- Store and transport frost-free

Fields of application

- Primer and bonding course on absorptive and non-absorptive floor and wall areas indoors and outdoors before laying ceramic coverings
- Suitable for a large variety of substrate, for example hydraulically hardening cement, lime and gypsum plasters, gypsum plaster boards, gypsum fibreboards, brickwork, aerated concrete, lime-sand brick, cement, anhydrite, magnesia and mastic asphalt screeds, timber floorboards, self-levelling floor-levelling compound/material, natural stone, glazed ceramic tiles, steel and glass
- Creates a secure bond with the following coatings and water-based thin-bed mortars

Standards and tests

- GISCODE BSW10
- EMICODE® EC 1 Plus - very low emission
- French VOC-emission class A+

Technical properties

Processing temperature from/to [°C]	+ 5 / + 25
Density at + 23 °C [g/cm³]	~ 1,3
pH-value	~ 8
Viscosity at 23 °C [mPas]	~ 2000
Solids content [%]	~ 65
Drying time on non-absorptive substrates at 15 °C/50 % RH [h]	~ 1 [1]
Temperature resistance from/to [°C]	- 20 / + 80
Consumption on smooth, non-absorptive substrates (e.g. steel, GRP, tiles) [g/m²]	50 [2]

Hermann Otto GmbH
Krankenhausstr. 14 | 83413 Fridolfing, Germany
+49 8684 908-0 | @ info@otto-chemie.de
www.otto-chemie.com

Application advice
+49 8684 908-4300
@ tae@otto-chemie.de

SEALING & BONDING

Shelf life at 23 °C/50 % RH [months]	12 [3] [4]
Colour	blue

1) After this amount of time the bonding course has dried through enough that the standing water no longer softens it. How long it takes to dry depends on the temperature of the air and structure, and on the air circulation and its humidity.

2) Depending on the absorptive capacity and characteristic of the substrate, consumption may rise to 250 g/m2.

3) from production

4) Frost-free storage

These data are not suitable for the issue of specifications. Please contact OTTO-CHEMIE before issuing specifications.

Pretreatment

The substrate has to be firm, capable of bearing and even as well as free of oil, fat, dust and other interlayers.
The residual moisture must not exceed the following values:
Cement screed: 2 %
Anhydrite screed: 0.5 %
Anhydrite screed (heated): 0.3 %
Gypsum-bonded plasters: 1 %
(measured using a CM device)

Application information

Stir or agitate well before use and apply with a lambswool roller. Use it undiluted on non-absorptive substrates and diluted 1:1 with water on absorptive substrates.
If used in a wet area or outdoors the primer coating must be protected by suitable composite sealing (OTTOFLEX Protective coating (only suitable for wet areas) or OTTOFLEX Slurry seal coating).

The following coatings can be applied to absorptive substrates when the latter are still wet; with non-absorptive substrates such as glazed tiles, steel, glass and GRP, the drying time must be observed.
Not suitable for adhesives containing solvents
Clean soiled areas and tools with water immediately after use.
Due to the many possible influences during and after application, the customer always has to carry out trials first.

Packaging

	1 kg plastic bottle	6 kg plastic pail
fair blue	OFHG-48	OFHG-45
Pieces per packaging unit	**10**	**1**
Pieces per pallet	**480**	**45**

Safety precautions

Please observe the material safety data sheet.

Disposal

Information about disposal: Please refer to the material safety data sheet.

Brand information

EMICODE® is a registered trademark of GEV e. V. (Düsseldorf, Germany)

Warranty information

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