

# OTTOFLEX® Deep primer

The adhesion-enhancing primer to reinforce the substrate

Synthetic resin dispersion based on styrene butadiene

For indoor and outdoor application

OFTG



## Characteristics

- ▶ Solvent-free primer for floors and walls
- ▶ Impregnates deeply into the surface
- ▶ Forms a very good bonding agent for subsequent coatings
- ▶ Improves the adhesion of plasters, tile adhesives and wallpapers
- ▶ Dilutable 1:2 with water
- ▶ Store and transport frost-free

## Fields of application

- ▶ Priming and reinforcing of absorbent and less absorbent surfaces
- ▶ Primer should be applied prior to the application of acrylate coatings and commercially available solvent-free tile adhesives on gypsum boards, gypsum and lime-gypsum plasterings, gypsum floors, gypsum fibreboards, concrete, cellular concrete, sand-lime brick, bricks, masonry, plasters, screeds, anhydrite floors and melted asphalt screeds, panelling, priming and self-spreading floor leveling compounds
- ▶ Use within the scope of tile setting according to DIN 18157-1
- ▶ Facilitates the removal of wallpapers during renovating work
- ▶ Improves the load-bearing strength and firmness of the substrate

## Standards and tests

- ▶ Complies with the stress categories W1 and W2 in accordance with ÖNORM B 3407
- ▶ GISCODE BSW20
- ▶ EMICODE® EC 1 Plus - very low emission
- ▶ French VOC-emission class A+

## Technical properties

Processing temperature from/to [°C]	+ 5 / + 25
pH-value	~ 9
Density at + 23 °C [g/cm³]	~ 1,0
Shelf life at 23 °C/50 % RH [months]	24
Colour	fair blue

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



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SEALING & BONDING

## Pretreatment

The substrate has to be firm, absorbent 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

### Priming of absorbent and highly absorbent cementitious substrates:

Dilute OTTOFLEX® Deep primer in the ratio of 1:1 to 1:2 with water and mix thoroughly. Apply evenly to the substrate with a fur roller or suitable brush. Repeat the process when applying on highly absorbent substrates. After the primer dries, tile adhesive can be applied or the surface can be painted, plastered or wallpapered.

### Priming of screeds with old adhesive residues:

Mix OTTOFLEX® Deep primer thoroughly prior to use and pour onto the substrate undiluted. Apply generously and evenly with a broom. Try to prevent puddles from forming.

### Strengthening of gypsum plaster and anhydrite substrates as well as cast asphalt screeds and screeds with old adhesive residues:

Thoroughly mix OTTOFLEX® Deep primer prior to use. Then apply generously and evenly with a fur roller or suitable brush. Check the strengthening and curing with a scratch test. After drying, tile adhesive can be applied or the surface can be painted, plastered or wallpapered.

### Strengthening of screeds before laying tiles and mosaic:

First layer: Dilute OTTOFLEX® Deep primer with water in a 1:1 ratio and mix thoroughly. Then pour the OTTOFLEX® Deep primer on the substrate and spread it evenly with a fur roller or a suitable brush.  
 Second layer: After the first coat has dried, test the strengthening and curing with a scratch test. Then apply the second coat with undiluted OTTOFLEX® Deep primer. After a drying time of 24 hours of the second coating further processing steps can be carried out.

### Drying time:

Since OTTOFLEX® Deep primer dries by evaporation of the water in the product, the drying time depends on the air temperature and the temperature of the building structure, the air movement, the humidity and the thickness of the coating layer. At +20 °C and a relative humidity of 50%, the dry time of OTTOFLEX® Deep primer is about 2 hours.

### Consumption:

The consumption of the OTTO Deep primer depends on the absorbency and the composition of the substrate.

### Priming for absorbent and highly absorbent cementitious substrates:

Diluted 1:1 or 1:2 with water approx. 100 to 200 ml/m<sup>2</sup>.

### Priming for gypsum substrates as a moisture barrier:

Undiluted approx. 100 to 150 ml/m<sup>2</sup>

### Priming and strengthening of sand-cement screeds before tiling:


Diluted 1:1 with water approx. 200ml/m<sup>2</sup>

### Cleaning of processing tools:

Clean processing tools and polluted areas with water immediately after use.

Due to the many possible influences during and after application, the customer always has to carry out trials first. Please observe the recommended shelf life which is printed on the packaging.

## Packaging

	1 kg plastic bottle	5 kg plastic canister	10 kg plastic canister	20 kg plastic canister	200 kg plastic drum
 fair blue	OFTG-39	OFTG-59	OFTG-61	OFTG-68	OFTG-66
Pieces per packaging unit	10	1	1	1	1
Pieces per pallet	360	90	60	24	2

## 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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