

# 044-1 Multi Plus

## UNIVERSAL PRIMER

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### PRODUCT DESCRIPTION

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Primer to be diluted with water for priming of absorbent and non-absorbent, mineral-based subfloors, wooden composites, mastic asphalt before levelling or adhesion works. Dilution depending on subfloor: cement screed (mixing ratio 1:2 with water), calcium sulfate (gypsum) screed, gypsum based floor boards such as Fermacel, Knauf (mixing ratio 1:1 with water). Bonding promoter before levelling works on terrazzo, ceramic, mastic asphalt, and wooden composites (undiluted). Water resistant, especially for application of levelling compound in thick layers. Ensures overall equal absorbency. Fast film building and drying.



**Made in Germany**

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### PRODUCT FEATURES

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- Water dilutable concentrate for different types of absorbent and non-absorbent subfloors.
- Universal bonding promoter for dense subfloors.
- Deeply penetrating primer for extremely absorbent subfloors.
- Very good blocking properties against mixing water out of levelling compounds.
- Very low VOC emission. EMICODE EC1 Plus.
- Blue Angel RAL-UZ 113 – very low emission.
- Rollable and sprayable.
- Binds residual dust.
- Reduces the absorbency.
- Can be used on underfloor heating systems.

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### APPLICATION

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FLOOR COVERING

- For priming of normed subfloors
  - Levelling with Eurocol levelling-compound \
  - Bonding with approved Eurocol dispersion adhesive.
- Applicable on:
  - Absorbent subfloors (cement-based screed, calciumsulfate-based screed, dry screed).
  - Suitable for wooden composite boards
  - Mastic asphalt screed (DIN 18354 / EN 13813) \*
  - Dense and non-absorbent subfloors (e.g., ceramic tiles, terrazzo)
  - For indoor use.

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### TECHNICAL DATA

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**Base**

Styrene-acrylate copolymer dispersion, water, net defoaming and preserving agents

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## Europrimer Multi Plus

<b>Color</b>	white
<b>Density</b>	approx. 1,02 g/cm <sup>3</sup>
<b>Consistency</b>	medium viscosity
<b>Cleaning agent</b>	water
<b>Processing conditions</b>	not below 15 °C on the subfloor, minimum 18°C material- and room temperature 35-75% relative air moisture, recommended <65%
<b>Mode of application</b>	Roller, brush, spray application
<b>Drying time</b>	approx. 0,5 – 15 hrs depending on the subfloor and levelling compound (Low temperatures, dense subfloor and high air humidity prolong the reworking time; higher temperatures reduces it).
<b>Consumption</b>	Depending on the subfloor (screed) approx. 50 – 150 g/ m <sup>2</sup> Extreme absorbency of subfloor can lead to additional consumption
<b>Permitted shelf-life</b>	within approx. 15 months, opened packaging to be tightly closed and to be consumed as soon as possible.
<b>Storage condition</b>	packaging to be tightly closed at a dry place, temperature: 5 - 30 °C.
<b>Sensitive to frost</b>	yes
<b>Code acc. to GHS</b>	no
<b>Environment/Work safety</b>	GISCODE: D1 EMICODE: EC1Plus Blue Angel: RAL-UZ 113, Environmentally friendly because of low emissions DGNB: VOC 0% Quality level: 4 LEED: VOC 0 g/l
	Contains 1,2-Benzisothiazol-3(2H)-on, Mixture of: 5-Chlor-2-methyl-2H-isothiazol-3-on and 2-Methyl-2H-isothiazol-3-on (3:1). Can cause allergic reactions. Information for allergy sufferers: +49 361 730410

### SUBFLOOR

The subfloor must meet the requirements according to national standards, regulations and norms.  
The subfloor must have a sufficient compression and tensile strength, load-bearing capacity, dimensional stability, dry, crack and dust free and free of any contaminants which will impact bonding. Old residues must be removed mechanically acc. to the requirements of DIN 18365

All types of old subfloors such as ceramic tiles must be cleaned with suitable Eurocol base cleaner and after drying it must be grinded.  
Cracks and joints are to be filled and closed with the recommended Eurocol system (e.g. 913 Europlan Silcat).

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### INSTRUCTIONS OF USE

Allow the primer to acclimatize before processing.  
Stir well before use! Depending on the application area, dilute and mix carefully.  
Apply evenly without creating puddles.  
The drying time depends on the quantity applied, as well as the room temperature and humidity. Always allow the primer sufficient time to thoroughly dry.

#### Pay attention to the table!

Subfloor	Dilution	Maximum layer thickness of the subsequent levelling	Drying time
<b>To use with cementitious Eurocol levelling compounds</b>			
Absorbent cement-based screeds	1:2	10 mm	0,5 hrs
Calciumsulfate-based screeds (Anhydrite)	1:1	10 mm	15 hrs
Dry screeds	1:1	10 mm	15 hrs
Dense subfloors, ceramic tiles.	undiluted	10 mm	4 - 6 hrs
Mastic asphalt	undiluted	5 mm	4 - 6 hrs
Wooden composite boards	undiluted	10 mm	15 hrs
<b>To use with calcium-sulphate Eurocol levelling compounds</b>			
Absorbent cement-based screeds	1:2	10 mm	15 hrs
Calciumsulfate-based screeds	1:1	10 mm	1 hrs
Dry screeds	1:1	10 mm	1 hrs
Dense subfloors, ceramic tiles	undiluted	10 mm	15 hrs
Mastic asphalt	undiluted	8 mm	15 hrs
Wooden composite boards	undiluted	10 mm	15 hrs

In-between priming of already applied cement-based self-levelling or filling-compounds, has to be done with water dilution 1:5, in case of levelling in two or more layers.  
In case of direct bonding of textile flooring on standard screed please dilute with water 1:5 for residual dust bonding  
Primer is only to be applied on mastic asphalt with failures such as contaminations or some spots with insufficient quantity of sand. Standard mastic asphalt do not need priming. Please pay attention to the the permissible maximum layer thickness of the levelling compound on the mastic asphalt.

### NOTES

Relevant norms and regulations are to be respected.  
Please pay attention to the technical and safety data sheets.

Cannot be used on old stone wood screeds, magnesia screeds and under 1 and 2 component parquet adhesives. Not suitable for water-soluble adhesive residues (such as sulfite waste adhesives) or fixings.

For subsequent filling and bonding of parquet, use Eurocol 048 Europrimer Plus.

For subsequent fillings over 10 mm, use Eurocol Reactive primers.

EMICODE, for more information: [www.emicode.com](http://www.emicode.com).

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### PACKAGING

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10 kg nonreturnable package (60/Palette)

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### SPECIAL NOTE

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Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed.

This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work.

The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content.

As the usage, processing- and storage conditions on site are beyond the manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties. Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to follow by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use. This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

Technical information and Material Safety Data Sheets of concomitantly used installation materials must be followed carefully.

The products delivered by the manufacturer are for professional use only. Keep away from children.

The manufacturer's terms and conditions are binding

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