

# 078 Polaris

## FROST RESISTANCE UNIVERSAL PRIMER

### PRODUCT DESCRIPTION

Frost-resistant for transport (re-defrostable) primer to be diluted with water for priming of absorbent and non-absorbent substrates, before levelling or adhesion works. Dilution depending on the subfloor.

Fast film building and drying. Can be applied on underfloor heating systems.

For indoor use.



### PRODUCT FEATURES

- Water dilutable concentrate for different types of absorbent and non-absorbent subfloors.
- Universal bonding promotor for dense subfloors.
- Deeply penetrating primer for extremely absorbent subfloors.
- Frost resistant, perfect for winter transport.
- Rollable and sprayable.
- Binds residual dust.
- Reduces the absorbency.
- Can be used on underfloor heating systems.

### APPLICATION



- 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)

### TECHNICAL DATA

<b>Base</b>	Styrene-acrylate copolymer dispersion,
<b>Color</b>	white

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## Europrimer Polaris Uni

Density	approx. 1,02 g/cm <sup>3</sup>		
Consistency	low viscosity		
Cleaning agent	water		
Processing conditions	not below 15 °C on the subfloor, minimum 18°C material- and room temperature 35 - 75% relative air moisture, recommended <65%		
Mode of application	Roller, brush, spray application		
Drying time	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).		
Consumption	Depending on the subfloor (screed) approx. 100 - 150 g/ m <sup>2</sup> Extreme absorbency of subfloor can lead to additional consumption		
Permitted shelf-life	within approx. 15 months, opened packaging to be tightly closed and to be consumed as soon as possible.		
Storage condition	packaging to be tightly closed at a dry place, temperature: 5 - 30 °C.		
Sensitive to frost	No, re-defrostable		
Code acc. to GHS	no		
Environment/Work safety	GISCODE:	D2	
	DGNB:	VOC 4%	Quality level: 3
	LEED:	VOC 40,8 g/l	

## 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 and it must be even acc. To DIN 18202 German standards

All types of fixed floors, such as ceramic tiles must be cleaned with suitable Eurocol base cleaner and after drying it must be grinded. Cracks and/or joints are needed to be closed with suitable Eurocol system solution (e.g. 913 Europlan Silicat).

## INSTRUCTIONS OF USE

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## Europrimer Polaris Uni

Before application, let product acclimatize to room temperature.

Shake the container 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. Let the primer fully dry before continuing further.

Let the applied primer to fully dry before further works.

### Pay attention to the table!

Subfloor	Dilution	Drying time
<b>To use with cementitious Eurocol levelling compounds</b>		
Absorbent cement-based screeds	1:1	0,5 hrs
Calcium sulfate-based screeds (Anhydrite)	undiluted	15 hrs
Dry screeds	undiluted	15 hrs
Dense subfloors, ceramic tiles.	undiluted	15 hrs
Mastic asphalt	1:1	15 hrs
Wooden composite boards	undiluted	15 hrs
<b>To use with calcium-sulphate Eurocol levelling compounds</b>		
cement screeds	+1:1	<b>15 hrs</b>
Calcium sulfate-based screeds and dry screeds	undiluted	Approx. 1 hour for complete drying in 5 mm thickness. For application above 5 mm, drying time is increased to 15 hrs.
composite boards		15 hrs

In case of direct bonding of textile flooring on standard screed please dilute with water 1 : 4 for priming in-between layers, please dilute 1 : 4. Before in between layer primer is to be done, allow the self-levelling compound to fully dry.

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 permissible maximum layer thickness of the levelling compound on the mastic asphalt.

## NOTES

Please pay attention to the technical data sheet and safety data sheet issued by the floor covering manufacturer

Relevant norms and regulations are to be respected.

Please pay attention to the technical and safety data sheets.

Cannot be applied on old stone panel screeds and 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 self-levelling and bonding of parquet use Eurocol 048 Europrimer Plus. For self-levelling thicker than 10 mm, Eurocol reactive primers are to be used.

For subsequent self-leveling over 10 mm thickness is it necessary to use Eurocol reactive primers.

## PACKAGING

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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