

<b>PRODUCT DESCRIPTION</b>	Two-component economic primer based on epoxy resin, solvent-free.
<b>PURPOSE</b>	<ul style="list-style-type: none"> <li>&gt; Priming of concrete floors and cement glaze of moderate to strong absorbency;</li> <li>&gt; Binder for levelling mortars and mortar screeds</li> <li>&gt; Used in FLOOR EXPERT EP floor systems.</li> </ul>
<b>PROPERTIES</b>	<ul style="list-style-type: none"> <li>&gt; penetrates deeply into the surface</li> <li>&gt; blocks the moisture in the substrate up to 4%</li> <li>&gt; high bond strength to the substrate</li> <li>&gt; easy application</li> </ul>
<b>DENSITY</b>	<ul style="list-style-type: none"> <li>&gt; Component A: 1,46 kg/l;</li> <li>&gt; Component B: 1,04 kg/l;</li> <li>&gt; Mixture (A+B): 1,36 kg/l</li> </ul>
<b>TECHNICAL DATA</b>	<p><b>Mixing ratio (by mass):</b></p> <ul style="list-style-type: none"> <li>&gt; Component A : Component B - 76,9: 23,1</li> </ul> <p><b>Solid content:</b></p> <ul style="list-style-type: none"> <li>&gt; By weight: ~ 100%</li> <li>&gt; By volume: ~ 100%</li> </ul> <p><b>Pot- life:</b></p> <ul style="list-style-type: none"> <li>&gt; 25 min under standard conditions</li> </ul> <p><b>Drying/hardening time under standard conditions:</b></p> <ul style="list-style-type: none"> <li>&gt; dust dry: after approx. 10- 12 hours</li> <li>&gt; foot traffic: after approx. 24 hours</li> </ul> <p><b>Compressive Strength:</b></p> <ul style="list-style-type: none"> <li>&gt; ~ 86,9 N / mm<sup>2</sup> (mixture (A+B) : quartz sand – 1 : 2,5); after 30 days of conditioning (23°C, 60% RAH);</li> </ul> <p><b>Flexural Strength:</b></p> <ul style="list-style-type: none"> <li>&gt; ~ 36,1 N / mm<sup>2</sup> (mixture (A+B) : quartz sand – 1 : 2,5); after 30 days of conditioning (23°C, 60% RAH);</li> </ul> <p><b>Adhesion Strength:</b></p> <ul style="list-style-type: none"> <li>&gt; ~ 5,3 N / mm<sup>2</sup> (100 % cohesive failure in concrete); after 30 days of conditioning (23°C, 60% RAH);</li> </ul>
<b>THERMAL RESISTANCE</b>	<ul style="list-style-type: none"> <li>&gt; Continuous exposure: +50 °C;</li> <li>&gt; Longer exposure (up to 7 days): +80 °C</li> <li>&gt; Short-term exposure (up to 12 hours): +100 °C</li> </ul>
<b>APPLICATION CONDITIONS</b>	<ul style="list-style-type: none"> <li>&gt; Substrate and air temperature: min. +10 °C; max. +30 °C</li> <li>&gt; Relative air humidity: max. 75 %, with adequate ventilation.</li> <li>&gt; There must be no condensation. Pay attention to the dew point.</li> </ul>
<b>SUBSTRATE QUALITY</b>	<ul style="list-style-type: none"> <li>&gt; Compressive strength: min. 25 N/mm<sup>2</sup></li> <li>&gt; Bond strength (pull-off test): min. 1,5 N/mm<sup>2</sup></li> <li>&gt; The surface must be dry and clean.</li> <li>&gt; Substrate moisture: max. 4%</li> </ul>
<b>SUBSTRATE PREPARATION</b>	<p>Mechanical treatment (grinding and /or blasting) to remove bumps and weakly bound surface layer and surface contamination.</p> <p>The cracks, pores and uneven sections should be filled with suitable material. Remove dust and loose parts by using a vacuum cleaner or brush.</p>
<b>MATERIAL PREPARATION</b>	<p>Stir the component A. Then add component B into component A and mix thoroughly with a mixer with a low speed (max. 400 r / min) until a homogeneous mixture. Then pour the mixture into another container and mix again.</p>

## APPLICATION METHOD

As a primer apply by short-piled roller, brush or rubber wiper. The coating should entirely cover the surface. If necessary, apply in two layers.  
Mortar for smoothing rough surfaces is applied with a rubber trowel or toothed trowel, depending on the thickness.

## PROTECTION SYSTEMS

Primer:				
Substrate	Product	Consumption		
Concrete of medium absorbency	Floor Expert EP 1013 (1x)	0,30-0,40 kg/m <sup>2</sup>		
Concrete of high absorbency	Floor Expert EP 1013 (1x)	0,40-0,50 kg/m <sup>2</sup>		
Epoxy levelling mortar, thickness up to 1 mm:				
Function	Product	Consumption		
Primer	Floor Expert EP 1013 (1x)	0,3-0,5 kg/m <sup>2</sup>		
Epoxy leveling mortar	Floor Expert EP 1013 : Quartz sand 0,1-0,5 mm - 1 : 0,5	1,59 kg/m <sup>2</sup> /per mm layer (1,06 kg of the mixture (A+B); 0,53 kg of quartz sand).		
Epoxy levelling mortar, thickness up to 2 mm:				
Function	Product	Consumption		
Primer	Floor Expert EP 1013 (1x)	0,3-0,5 kg/m <sup>2</sup>		
Epoxy levelling mortar	Floor Expert EP 1013 : Floor Expert quartz mix - 1 : 1	1,8 kg/m <sup>2</sup> /per mm layer		
Epoxy screed (15-20 mm):				
Function	Product	Consumption		
Primer	Floor Expert EP 1013 (1x)	0,3-0,5 kg/m <sup>2</sup>		
Bonding bridge	Floor Expert EP 1013 (1x)	0,3-0,5 kg/m <sup>2</sup>		
Epoxy levelling mortar	Floor Expert EP 1013 : Floor Expert quartz mix - 1 : 8	2,4 kg/m <sup>2</sup> /per mm layer		
		Component A	Component B	Enough for
20 kg (A+B)		15,4 kg	4,6 kg	approx. 50 m <sup>2</sup>
Semi-transparent, glossy.				
In dry and airy rooms in originally sealed containers at temperatures from +5 °C to +25 °C. Shelf life: 24 months				

## PACKAGING

## COLOUR RANGE/GLOSS

## STORAGE

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