

TECHNICAL INFORMATION  
2-COMPONENT EP-PRIMER



## 2-COMPONENT EP-PRIMER

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### **Important Information:**

Please consider our General Terms and Conditions and the general notes of the Technical Information Sheet! No liability is accepted for any errors! The information is provided to our best knowledge and experience. This information is, however, no warranty for any properties of the material. We provide this information without obligation, also regarding the rights of third parties. The user has to make sure that the material is appropriate for the respective application.

# 1 Main characteristics / Field of application

## 2-component EP-Primer...

- is a high-quality, solvent-based, aromatic-free 2-component primer for pretreatment of bituminous surfaces (mastic asphalt, asphalt concrete), concrete and cement-bound surfaces
- is an excellent priming and bonding product for concrete entering capillary cracks and thus causes a compacting effect on porous or millcut concrete surfaces
- suitable for application to lightly humid surfaces
- must not be applied in too thick layers because of its long drying and curing time
- must no longer be tacky when applying the road marking material
- suitable for airless- and airspray technique

## 2 Technical Data

<b>Color</b>	transparent
<b>Density</b>	approx. 0.9 kg/l +/- 0.1
<b>Potlife</b>	approx. 1 day (depends on hardener quantity, air- surface- and primer temperature)
<b>Mixture ratio</b>	Base component (2-component EP-Primer) : Hardener (8623) = 2 : 1
<b>Curing time</b>	min. 8 hours (at 20°C) depends on climate conditions (temperature, humidity, wind) material, layer thickness and road surface. In general markings` overrollability must be checked before exposing them to traffic impact
<b>Thinner</b>	If required add 5% Thinner for 2-component EP (Art. No.: 3130). Thinner from manufacture must be used only
<b>Cleaning dilution</b>	Cleaning must be conducted before material is completely hardened by using 2-component EP-Primer, Art.-No.: 3130
<b>Storage stability</b>	6 months, unmixed in sealed original packaging and sheltered from frost and direct sun exposure
<b>Standard packaging</b>	<b>2-comp. EP-Primer:</b> cans with 5/10 l <b>Hardener 8623:</b> cans with 2,5/5 l, fillings corresponds with mixing ratio
<b>Identification</b>	The regulations and instructions concerning appropriate transport, handling, storage, first aid & measures, toxicology and ecology are stated in our material safety data sheet! The instructions stated on the product label and in the MSDS must be followed
<b>Processing temperature</b>	min. + 5°C
<b>Surface temperature</b>	+ 5°C to + 45°C
<b>Relative humidity</b>	max. 75% (consider dew point table)
<b>Layer thickness</b>	approx. 50 - 100 µm
<b>Theoretical consumption</b>	approx. 0.10 – 0.30 kg/m <sup>2</sup> = 0.11 – 0.33 l/m <sup>2</sup> Actual consumption depends on applied thickness and type and state of the surface

## 3 Surfaces / Pretreatment

### 3.1 General information

The surface must be dry, clean, free from grease, oil and loose gravel & other contaminations. The surface and any existing old markings must be checked for their carrying capacity and compatibility with material to be applied. In case of doubt, application and adhesion tests (along with final marking material) are required. Ideally old markings should be removed with appropriate mechanical procedures.

The pavement components that prevent good bonding, especially on new concrete, including fine mortar layers, concrete slurries, concrete after-treatments as setting retarders, paraffin, impregnations on silicate basis etc. must be appropriately removed (e.g. with high pressure waterjet, fine millcut or similar).

Application of 2-component EP-Primer must ensure sufficient wetting on concrete. The EP-Primer provides solidification of porous concrete surfaces. Consumption depends on applied thickness, substrate absorbency and type and state of surface. If required 2 applications are to be applied. After application and airing-time final marking can be performed.

2-component EP-Primer can also be used for priming of old bituminous surface that needs improved surface properties.

## 4 Application techniques

Application is executable with lambskin roller or by airless- and airspray technique.