

## EUXIT 100

### Description

A solvent containing , colour less, two component preparation of liquid epoxy resin with formulated amine hardeners.

### Fields of application

**EUXIT 100** is used to impregnate and to seal all cement bound surfaces, such as old concrete, fresh concrete, plaster etc., for example, concrete roads, high rise and underground garages, concreted parking areas, factories, aircraft hangars, industrial floors, petrol stations, garages, terraces and balconies.

### Product characteristics

**EUXIT 100** is an impregnation preparation on clear as water, and has an extremely low viscosity. Because of its high capillary action, it forces itself deeply into the foundation material and covers all pores and capillaries. Cement bound surfaces are thereby sealed against penetration by water solvent substances .The penetration of steam is impeded, but however, is not completely prevented. The impregnated surfaces are hardened, resistance to abrasion and chemicals in considerably improved; concrete becomes resistant to the effects of frost-thawsalt .

### Technical data

<b>Specific gravity at 20 oC (g/cm<sup>3</sup>)</b>	0.9
<b>Solid content</b>	30%
<b>Mix ratio (by weight)</b>	3:1
<b>Mix ratio (by volume)</b>	3:1
<b>Pot life at 10 oC (hours)</b>	20
<b>Pot life at 20 oC (hours)</b>	10
<b>Pot life at 30 oC (hours)</b>	5
<b>Minimum hardening temperature oC</b>	6
<b>Bone dry at 20 oC (hours)</b>	1
<b>Touch dry at 20 oC (hours)</b>	Ca.24
<b>Thorough hardened at 20 oC (days)</b>	7
<b>Re-workable at 20 oC (hours)</b>	Immediately-24
<b>Pencil hardness</b>	4H
<b>Abrasive resistance. DIN 52108 (cm<sup>3</sup>/50 cm<sup>2</sup>)</b>	7.4
<b>Flash point (°C)</b>	Over 21
<b>Shelf life</b>	Up to 1 year

**Surface preparation**

Cement bound surfaces should be free of, all dirt particles, free of oil and grease, and also, if possible, should be dry. Mechanical pretreatment is not normally necessary.

**Application Impregnation :**

To impregnate concrete of grade BN 300, in general, an amount of 150 to 300 g **EUXIT 100**/m<sup>2</sup> is sufficient, depending on the absorbency of the concrete, the total amount should be applied in 1-3 coating with intervals of about 15 minutes between each (wet on wet). Thereby the best possible depth of penetration and an even matt surface will be obtained. The surface traction will then be only very slightly affected .

**Sealing:**

In addition to the impregnation coatings, after an interval of 6-24 hours, another coating of **EUXIT 100** should be applied.

Consumption approx. 200 g/m<sup>2</sup>.

Thereby an evenly sealed surface will be obtained. The top surface of the concrete will be resistant to strongly reactive substances.

**Remarks**

Due the different absorbency of the concrete, different colour of the concrete after the treatment with **EUXIT 100** can be possible.

**Special Instruction**

The product contains solvents ! When working in enclosed places, good ventilation must be provided. Keep away from open fire.

**Container Sized and Colour**

**EUXIT 100** is supplied in containers of 10 kg and 25 kg. Resin and hardener are supplied in correct mix ratios colourless .