

**- product name :** EPOREX ESN 82

### **- general features**

Two-component epoxy-polyamide paint (solvent free). It can be applied to obtain high thickness layers. Glossy appearance, highly scratch resistant.

### **- use**

Top coat compliant with EC Reg. 10/2011 as amended, with test report no. 195057 of 05/12/2019 for contact with food substances. The product is suitable for the internal protection of iron tanks or concrete basins intended for the containment or storage of non-acid aqueous food substances, alcoholic food substances (with an alcoholic degree not higher than 20%), oily and / or fatty food substances.

### **- recommended cycles**

As finishing coat apply one or two coats of EPOREX ESN 82 on epoxy primers like PZM 349 or VEPO82 in compliance with the overcoating time. Apply one or more coats of EPOREX ESN 82 directly on pre-treated surfaces in compliance with the overcoating time. Apply two coats directly on perfectly dry and pre-treated concrete. First coat more thinned, second coat after 1-3 hours.

Be especially careful not to exceed the pot life which, under high temperatures, may be less than 10 minutes. During application and polymerisation, it is advisable to work with ambient temperatures not lower than + 15°C and relative humidity not higher than 85%, with a temperature of the structure at least 3°C above dew point, in order to prevent oxidation on the structure.

N.B: Before commissioning in immersion, wait for complete polymerization.

### **- application and thinning method**

**roller** : 5– 10% with Buongusto alcohol  
**spray** : 5– 15% with Buongusto alcohol  
**airless** : 5– 10% with Buongusto alcohol

### **- technical and supply data**

**specific weight** : min. : 1.700 g/l - max. : 1.800 g/l

**solid content** : by weight : min. 99,8 %  
by volume : min. 99,6 %

**film appearance** : gloss

**colour** : white

**product type** : Two-component

**catalysis ratio** : by wgt by volume

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**pot-life at 25°C** : 30 minutes

**typical thickness** 50 - 70 microns

**theoretical coverage** : min. 14,5 m<sup>2</sup>/l - max. 19,5 m<sup>2</sup>/l

### **drying at 25°C :**

**dust free** : 3 hours  
**touch free** : 4 - 5 hours  
**depth** : 12 - 14 hours  
**polymerised** : min. 7 days

### **baking :**

90 minutes at 70°C after 30 minutes flash off.

**overcoating time** : min. wet-on-wet max. within 6 hours at 25°C

**shelf life** : 24 months at + 5/35°C