

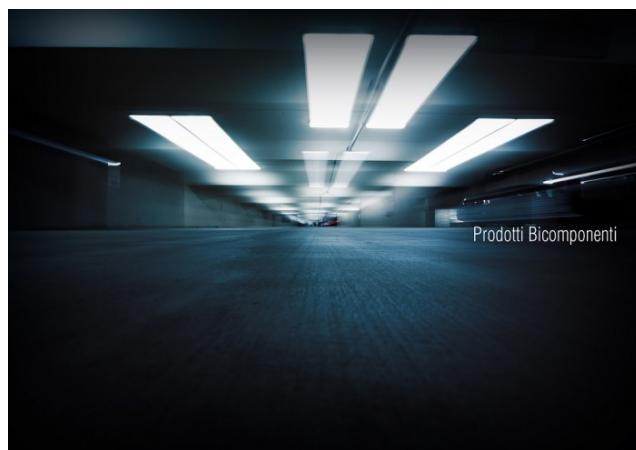
# EPO W TRASPARENTE



Epoxy filler based on water

Good mechanical and chemical resistance

Solvent - free, odourless



Prodotti Bicomponenti

## Code

1217

## Description

Amine - epoxy paint based on water with high permeability to water vapour

## Use

This product is suitable for the anti - dust treatment of concrete floors or as a primer in solvent - less or water - based epoxy cycles, as a binder for inert quartz aggregates to perform multilayer cycles. It can be applied on concrete that is not perfectly dry or on substrates with problems of the damp rising.

## Appearance of the film

Matt - semi - glossy (it depends on the thickness)

## Color

Transparent

## Components

2

## Hardening

Chemical reaction between two components

## Specific weight

1,050 gr/ml (A + B)

|                            |                                                                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Volume of solids           | 50%                                                                                                                                                                                                                                                                   |
| VOC                        | 0 gr/ liter                                                                                                                                                                                                                                                           |
| Minimum thickness          | 40 micron                                                                                                                                                                                                                                                             |
| Estimated yield            | 12,5 m <sup>2</sup> / litre for a thickness of 40 microns                                                                                                                                                                                                             |
| Flash point                | Component A > 113°C<br>Component B > 115°C                                                                                                                                                                                                                            |
| Adhesion                   | On concrete 2,5MPa On stoneware 12MPa ASTM D 4541                                                                                                                                                                                                                     |
| Abrasion resistance        | 70 mg ASTM D 4060 wheel CS 17 1 Kg 1000 cycles                                                                                                                                                                                                                        |
| Temperature resistance     | Da -20 a + 100°C                                                                                                                                                                                                                                                      |
| Chemical resistance        | Water, cleansing products, oils, fuels. It is not suitable for acid solutions and solvents.                                                                                                                                                                           |
| Preparation of surfaces    | Concrete:<br>Chemical washing in order to remove laitance layers, efflorescence and other types of pollutants which may affect the adhesion                                                                                                                           |
| Preparation of the product | Mix the product according to the following ratio by weight:<br>Component A : 100<br>Component B: 40<br>Mix Component A separately and then add Component B<br>For applications in multilayered cycles, add 60 - 70 % of quartz 0,1 - 0,5 while stirring continuously. |
| Induction time             | Not expected                                                                                                                                                                                                                                                          |

### Pot life

2 hours at 20° C

### Thinning

As first coat, dilute with 80 % of water; as second coat, dilute with 50 % of water

### Environmental conditions

Ambient temperature: from + 5 to 35° C  
 Temperature of the support: > 10° C  
 Humidity: 0 - 70 %  
 In order to prevent the formation of condensation, it is necessary that the temperature of the substrate is at least 3° C above the dew point

### Drying and hardening time

| For the thickness of 40 microns (wet) | 10° C | 20° C | 30° C   |
|---------------------------------------|-------|-------|---------|
| Dry to touch                          | 6     | 3     | 2 hours |
| Dry in depth                          | 10    | 6     | 4 hours |

### Time of overpainting

|                 | 10° C | 20° C | 30° C   |
|-----------------|-------|-------|---------|
| Minimum (hours) | 10    | 8     | 5 hours |
| Maximum (days)  |       | 7     |         |

### Application

Brush, roller, airless, spray  
 If you use the brush, you have to use nylon or pure bristle brushes.  
 If you use the roller, you have to use medium - haired rollers.  
 For the application, use the method of crossing coats.  
 Airless:  
 Nozzle size: 0,46 mm (0,018 inch)  
 Air pressure: 150 bar

### Shelf life

2 years in a cool and dry place (max 40° C)

### Packs

Comp A 10 kg    Comp B 4 Kg