

## 3K PRIMER



### DESCRIPTION

3-component primer based epoxy and cement. Used for priming surfaces to which will apply epoxy product as SL INDUSTRIAL or BODEN FARBE

### CHARACTERISTICS

3K PRIMER is a product 3-component water based. A+B components are epoxy based component and C is cement based. It is certified as "Class II" for resistance to moisture, which makes it ideal for applications, subjects to negative pressure. The product offers high resistance to consume. It is resistant to water, acids, alkalis, petroleum products etc. 3K PRIMER can be applied on dry surfaces or less moisture.

### RECOMMENDATIONS FOR USE

3K Primer is used as a primer to increase the adhesiveness of the surface on which will apply products as SL INDUSTRIAL or BODEN FARBE. This product is suggested in cases that the surface has still high percentage of moisture, as it creates an isolating layer between the substrates and the final layer that will be applied.

### TECHNICAL DATA

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| Form:                                       | Component A,B liquid Component C Powder |
| Color:                                      | Amber                                   |
| Combustibility:                             | Incombustible                           |
| Mixing ratio:                               | 2,8Kg A + 1,2Kg B+ 2Kg C                |
| Density:                                    | 1.8 gr/cm <sup>3</sup>                  |
| pH of the mixture:                          | 12                                      |
| Application temperature:                    | from +5°C to +35°C                      |
| Spreading Time:                             | >30 min                                 |
| Application of second hand:                 | after 4 hours                           |
| Deformation:                                | 0                                       |
| Adhesion to concrete:                       | ≥ 2 N/mm <sup>2</sup>                   |
| Adhesion after heat:                        | ≥ 2 N/mm <sup>2</sup>                   |
| Adhesio mmersion in water:                  | ≥ 2 N/mm <sup>2</sup>                   |
| Adhesive strength after freeze-thaw cycles: | ≥ 2 N/mm <sup>2</sup>                   |

## SURFACE PREPARATION

The surface on which the primer should be applied need to be:

- Stable
- Without the presence of materials that prevent connection, ex. dust particles, loose, fats etc.
- Do not have sustainable water. Also it must be prepared according to the situation of the surface. After that, surfaces should be well cleaned from dust with a vacuum cleaners. In cases where large surface cracking must be done their filling before applying 3K Primer.

## APPLICATION

Component A (resin), component B (Hardener) and component C (cementations powder) are packed in three separate buckets in proportion predetermined weight ratio. Initially all the amount of component B should be added to component A. Mixing of the 2 components should take place for about 2 minutes, using a mixer at low speed (300rpm/min). Then we add the component C and continue the mixture for more than 3 minutes. It is important to achieve a comprehensive mix of well mixed at the sides and bottom of the bucket, in order to achieve a uniform distribution of material. 3K Primer applied as it is or diluted to 10% with water. It can be applied with a brush or roller. Application time should not be more than 40 minutes for normal ambient conditions (+5°C up to +35°C).

## STORAGE

24 months if stored in the unopened original packaging and in a dry place at temperatures between 5°C and 25°C.

## CONSUMPTION

250-300 g / m<sup>2</sup>

## PACKAGING

2,8 Kg (comp. A) drums, 1,2 Kg (comp. B) plastic buckets 2Kg (comp. C) drums

