

# ARBOREVIA

## Clear solvent-free epoxy binder for draining mortar

### USES

- Production of natural aggregate based draining coatings to place around trees
- Thickness 3 cm for walking traffic
  - Thickness 5 cm for vehicle traffic

### DESCRIPTION

- Colorless and solvent-free
- Hardening in hard conditions (low temperature, humidity)
- Good mechanical properties.

### PROPERTIES

- |   |  |
|---|--|
| ➤ AFNOR Classification                      | Family I / Class 6b                              |
| ➤ Type of product                           | Two component solvent-free epoxy                 |
| ➤ Mixing ratio A/B by weight                | 100 / 50   |
| ➤ Colour                                    | Natural colour of the aggregates                 |
| ➤ Density at 23°C                           | Component A 1120 kg/m <sup>3</sup> approximately |
|   | Component B 1030 kg/m <sup>3</sup> approximately |
|   | Mix A+B 1090 kg/m <sup>3</sup> approximately     |
| ➤ Temperature resistance for continuous use | 60°C   |
| ➤ Resistance to compression (NF EN 196-1)   | 50 MPa (for a mortar with 10 parts of binder)    |
| ➤ Resistance to flexion (NF EN 196-1)       | 15 MPa (for a mortar with 10 parts of binder)    |
| ➤ Shore D Hardness after 7 days at 23°C     | > 75   |
| ➤ Potlife at 20°C                           | 40 minutes                                       |

### DIRECTIONS FOR USE

#### Preparation of substrate

- The condition of the substrate, its nature and preparation are essential factors for the success of the coating.
- Surfaces to be treated will be perfectly clean, dry and free of any non-stick-body, with possible mechanical treatment.

#### Conditions of application

- Minimum temperature (ambient and substrate): 10°C and 3°C above the dew point.
- Relative air humidity: 80% RH max.

## Application

- Pour the whole B component into the A component and stir (3 minutes) with a mixer equipped with a 9 to 10 cm mixing head.
- Transport the mix to the reservation (3 to 5 cm thickness).
- Fullfill with a shovel. Then trowel and smooth.
- Use 4 parts of epoxy binder with 100 parts of aggregate in weigh.  
That gives, for example 5 kg of ARBOREVIA for 125 of aggregate 10/14.
- Bulk density : 2,2 ( 22 kg of mix per m<sup>2</sup> per cm of thickness)

## Curing time

|                              | + 10°C | + 20°C | + 30°C |
|------------------------------|--------|--------|--------|
| Minimum delay before coating | 24 hrs | 18 hrs | 12 hrs |
| Maximum delay before coating | 60 hrs | 48 hrs | 24 hrs |
| Pedestrian traffic           | 36 hrs | 24 hrs | 16 hrs |
| Chemical contact             | 7 days | 7 days | 7 days |

## Cleaning of equipment

- Before hardening with DILUANT D752.

## PACKAGING

- 5 kg (Component A : 3,3 kg / Component B : 1,7 kg).

## PRECAUTIONS FOR USE

- The relevant workplace hygiene regulations must be strictly adhered to when handling the product: well ventilated spaces, gloves and goggles to be worn..
- Refer to Material Safety Data Sheets for further information.

## STORAGE

- At a temperature between 5°C and 35°C, protected from all weather.
- For two years from the date of shipment of the product if stored in its original, unopened packaging

The information contained herein is indicative only, and is based on our knowledge and experience. We reserve the right to change the composition of our products at any time, in the light of the findings of the most recent research. The resulting physical and chemical data will then differ. Variations in quality, size and colour will occur under normal conditions and are acceptable. The information given in our data sheets concerning the use and the application of the product are general rules and cannot, by definition, take account of the specific circumstances of each site. Our guarantee being limited to the quality of the product supplied, INTERDESCO cannot under any circumstances be liable for the correct application of the product to the substrate, over which it has no control. Application must be undertaken by a qualified professional, who shall be required to take account of the data provided by the manufacturer, the professional recommendations issued by the Syndicat National des Formulateurs des Resines de Synthese, any Unified Technical Documents (D.T.U.) as well as accepted good practice.

The coating applier shall perform in situ tests prior to applying the product.

Any claims relating to the manufacturer's obligation to comply with the specifications must be made after performing in situ testing and no later than one month after delivery.

ISO 9001