

# PRIMERTEC AD

**Bituminous pure solvent based primer  
for heat activated & self adhesive membranes or cold bond systems**

## Description

Bituminous elastomeric primer in quick drying solvent, particularly indicated for the preparation of application surfaces for PLUVITEC heat activated & self adhesive membranes. Particularly suitable also for those applications using cold bond adhesive systems, when compared to normal bituminous primers as the product has a higher elasticity and improved adhesion to the surface.

## Chemical composition

Bituminous primer composed of oxidized bitumen and elastomeric resins and quick drying pure solvents.

## Areas of application

PRIMERTEC AD must be applied on porous surfaces, before the application of polymer bitumen membranes to improve the adhesion of the same.

PRIMERTEC AD acts by blocking superficial dust, filling in porosities, and making the application surface suitable for heat activated & self adhesive membranes or for the application of cold bond adhesives. PRIMERTEC AD is suitable for various areas of us and recommended for concrete surfaces, bridges, etc.

The product also gives excellent results for the protection of buried metal works or those exposed to atmospheric agents and/or the corrosion due to industrial pollution.

## Technical data

| Technical characteristics                       | Measure unit | Value        |
|---|--------------|--------------|
| <b>Appearance</b>                               |              | Liquid       |
| <b>Color</b>                                    |              | Black        |
| <b>Density at 20°C</b>                          | kg/l         | 0.85 - 0.95  |
| <b>Dry residue at 130°C</b>                     | %            | 50 - 55      |
| <b>Boiling interval</b>                         | g/cm³        | 80° - 190 °C |
| <b>Penetration Dow at 25°C of bitumen</b>       | dmm          | 15/20        |
| <b>Frass breaking point of oxidized bitumen</b> | °C           | -12          |
| <b>Drying time out of dust</b>                  |              | 30' - 60'    |
| <b>Viscosity Din4 at 20°C</b>                   |              | 18" - 23"    |
| <b>pH at 20°C</b>                               |              | Neutral      |
| <b>Flash point in closed pail</b>               | °C           | °C           |
| <b>Softening point P.A. bitumen</b>             | °C           | 85 - 95      |
| <b>Self igniting temperature</b>                | °C           | 245          |
| <b>Storage in original closed packaging</b>     |              | 24 months    |
| <b>Drying time to touch</b>                     |              | 100' - 140'  |

## Packaging

|                    | PRIMERTEC AD |
|--------------------|--------------|
| <b>Pail size</b>   | 20 lt        |
| <b>Pails x plt</b> | 48           |

Pluvitec reserves the rights to change or modify the nominal values without prior notice or advice.

**ACCESSORY PRODUCTS  
PRIMERTEC AD****Use of product & recommendations**

It is important that the concrete surface to be treated be as dry as possible, free of loose particles and dust.

PRIMERTEC AD is ready for use.

The application can be done by broom, spray, roller and brush.

When applying polymer bitumen membranes by torch on concrete surfaces, it is suggested that the same be perfectly dry otherwise the use of a suitable alternative primer for wet ones is suggested. Drying time is conditioned by the porosity of the concrete, the applied quantity and both outside and surface temperatures. Normal drying time is approx. 1 hour after application. The period of time can increase to 2-4 hours if a thick coat is applied, in cold temperatures or a non absorbing surface. Average approx. consumption varies from 200 to 350 gr/m<sup>2</sup>. The tools are cleaned with either a synthetic or nitro spirit.

**Application with roller****Application by airless****Application by brush**