

## Technical Data Sheet



## AB-PUR® 094

1-C-PU-spray primer

### Description:

1-component polyurethane reactive primer, low viscosity, unfilled  
VOC < 750 g/l, contains solvents

### Characteristics:

- tough-hard
- resistant to alkalis, no chemical change
- reacts with humidity present in the air
- fast curing
- tear resistant adhesive
- inert and harmless once cured

### Application:

**AB-PUR 094** is a fast curing reactive primer and is a universal product for use with the **ABP - spray elastomeric systems**. Spray / apply **AB-PUR 094** as a thin coat to achieve a tear resistant connection between the sprinkled primer coat and the spray elastomeric coat. Prior to application the surface must be clean, dry and fully cured. Apply **AB-PUR 094** by brush, roller or suitable spray equipment. After a duration of approx. 60 - 120 minutes (30°C resp. 8°C) spray (maximum after 5 resp. 7 hours) the elastomer coating. When there is a longer duration, the primer must be re-coated. **AB-PUR 094** has been approved in accordance with ZTV-BEL-B 3/95. Ensure that there is sufficient ventilation when handling / using the product in confined areas. If there is insufficient ventilation, wear suitable respiratory equipment.

### Consumption:

approx. 80 - 100 g/m<sup>2</sup>, depending on the grain size of the sprinkled aggregate.

### Technical Data:

Mixing ratio n/a	1-component
Density (23°C)	approx. 0.97 g/cm <sup>3</sup>
Solids	approx. 50 %
Viscosity (23°C)	low viscosity

### Details for application:

Pot life (8°C / 23°C / 30°C)	1-component
Substrate temperature	minimum 8°C up to maximum 30°C
Material temperature	15°C - 25°C
Minimum relative humidity of air	40 % (dew point +3°C)
Maximum relative humidity of air	90 % (dew point +3°C)
Duration between applications (should the duration between coats be too soon, curing of the subsequent coat will be affected)	8°C: min. 120 minutes    max. 7 hours 23°C: min. 90 minutes    max. 5 hours 30°C: min. 60 minutes    max. 5 hours
Curing time / foot traffic (8°C / 23°C / 30°C)	approx. 120 minutes / 90 minutes / 60 minutes
All above values are approximate and may be used as a guideline for specifications	

### Packaging:

10 kg - pails

### Colour:

clear

### Storage:

6 months, unopened in original drums under dry conditions and a temperature of 15 - 25°C (store upside down).

### 1. Surface preparation

Prior to the application the substrate must be inspected and tested to assess the condition / quality. If satisfied continue with the application. The surface must be clean, dry and free of contaminants. If necessary, prior to the application the substrate must be prepared by using a qualified cleaning process.

#### Minimum requirements:

- free of dust, oil, fat and other contaminants
- stable
- pull off strength min. 1.5 N/mm<sup>2</sup>

See also "general preparation and application instructions" sheet.

### 2. Application

Prior to mixing, the temperature of the product must be between 15 - 25°C. Mix the material using a suitable low speed electric mixer (300 - 400 rpm) for at least 3 minutes or until a completely homogeneous mixture has been achieved. Apply **AB-PUR 094** as an even thin coat by brush, roller or suitable spray equipment (airless) onto the surface. After curing for approx. 60 - 120 minutes (maximum 5 - 7 hours) you may then spray the elastomeric coating. Prior to, during and after the application the temperature of the substrate must be at least +3°C above the current dew point temperature.

### 3. System description

The following figures are for ambient and surface temperatures of 15 - 23°C. Both high and low temperatures will influence the consumption per m<sup>2</sup>.

**AB-PUR 094** is used as an adhesion primer between the sprinkled primer coat and the spray elastomeric coat. The adhesion primer is suitable for **AB-PUR-** and **AB-UCOAT** - spray elastomerics.

Consumption: approx. 80 - 100 g/m<sup>2</sup>.

### 4. Packaging

10 kg - drum

### 5. Health and safety

#### GISCODE: PU50

**AB-PUR 094** contains solvents. Should there be insufficient ventilation, wear suitable respiratory equipment. Avoid inhalation of the vapours and contact with skin. Wear suitable protective clothing, gloves and eye / face protection. Adequate ventilation of the working area is recommended. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When using do not eat, drink, smoke and keep away from sources of ignition. For additional references to safety-hazard warnings, regulations regarding the transport and waste management please refer to the relevant Safety Data Sheet.

### 6. EU Directive ("Decopaint-RL"):

Acc. to the EU Directive 2004/42/EG the maximum allowed content of VOC (Product category All / h / type SB) is 750 g/l (Limit 2010) for the ready to use product. This product is in accordance with the EU Directive 2010.

**AB-PUR 094;** 2.00/07.01.19. Before use, please check that this is the actual edition of the Technical Data Sheet. The information contained in this Technical Data Sheet is of a general nature and is provided in good faith and we accept no liability for errors or omissions. Because use and application of this product are out of our control and depend, concerning substrate, load and method of application, on the particularities of the individual case, our advice, verbal, written or based on tests, does not exempt the applicator from testing the suitability of the products for the intended use.

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