

# Technical Data Sheet



## AB-PUR® 095 2-C-PU-elastprimer

### Description:

2-component polyurethane adhesion primer with complex cobalt compounds, unfilled  
VOC < 750 g/l, contains solvents

### Characteristics:

- elastic
- non-foaming
- will not swell (immersed in water)
- resistant to alkalis, no chemical change
- flexible at low temperatures
- fast curing
- tear resistant adhesive
- inert and harmless once cured

### Application:

**AB-PUR 095** is a fast curing adhesive primer and is a universal product for use with the **ABP - spray elastomeric systems**. Spray / apply **AB-PUR 095** as a thin coat to achieve a tear resistant connection between the spray elastomeric coats. The surface must be clean, dry and fully cured. Apply **AB-PUR 095** by brush, roller or suitable spray equipment. After a duration of approx. 15 - 30 minutes you may then spray (after maximum 4 hours) the elastomeric coating. 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. 40 - 80 g/m<sup>2</sup>, depending on the surface (smooth - rough).

### Technical Data:

Mixing ratio A : B	100 : 30 by weight (3.33 : 1)
Density (23°C)	approx. 0.95 g/cm <sup>3</sup>
Solids	approx. 35 %
Viscosity (23°C)	low viscosity

### Details for application:

Pot life (5°C / 23°C / 30°C)	approx. 60 minutes / 50 minutes / 40 minutes	
Substrate temperature	minimum 5°C up to maximum 30°C	
Material temperature	15°C - 25°C	
Maximum relative humidity of air	at 5°C:	75 % (dew point +3°C)
	at > 23°C:	85 % (dew point +3°C)
Duration between applications (should the duration between coats be too soon, curing of the subsequent coat will be affected)	5°C: min. 45 minutes	max. 4 hours
	23°C: min. 25 minutes	max. 4 hours
	30°C: min. 15 minutes	max. 4 hours
Curing time / foot traffic (5°C / 23°C / 30°C)	approx. 45 minutes / 25 minutes / 15 minutes	
All above values are approximate and may be used as a guideline for specifications		

### Packaging:

0,8 kg - pails

### Colour:

violet - translucent

### Storage:

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

### 1. Surface preparation

Prior to the application the substrate must be inspected and tested to assess the condition / quality. The surface must be clean, dry and free of contaminants. If necessary, prior to the application the substrate must be prepared by mechanical means using qualified equipment e. g. grinding or Blastrac® shot blasting. We recommend to apply a test area.

#### 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 components must be between 15 - 25°C. Mix the components in the correct ratio using a suitable low speed electric mixer (300 - 400 rpm) for at least 3 minutes or until a completely homogeneous mixture has been achieved. Put the mixed material into a clean container and mix again for at least 1 minute more. Apply **AB-PUR 095** as a thin coat by brush, roller or spray equipment (gardening spray gun). After curing for approx. 15 - 30 minutes (maximum 4 hours) you may then spray the elastomeric. 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 095** is used as an adhesion primer between spray elastomeric coats. The adhesion primer is suitable for **AB-PUR-** and **AB-UCOAT** - spray elastomerics.

Consumption: approx. 40 - 80 g/m<sup>2</sup>.

### 4. Packaging

0.8 kg - sets

0.62 kg component A

0.18 kg component B

### 5. Health and safety

#### GISCODE: PU50

**AB-PUR 095** 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 095;** 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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