



# TECHNICAL DATA SHEET

## **2K EPOXY PRIMER (URETHANE)**

### **PRODUCT DESCRIPTION**

Concept's 2K Epoxy Primer (Urethane) is a two pack high build epoxy urethane primer that combines the benefits of epoxy toughness and hardness with urethane flexibility and durability. Its unique formulation ensures a primer that has a high film build, which is very easy to sand and is suitable for any topcoat. It also has excellent rust inhibiting properties.

### **PRODUCT AND ADDITIVES**

- Concept 2K Epoxy Primer
- Concept Epoxy Hardener
- Concept 2K Thinner Range


### **SUITABLE SUBSTRATES**

- Sound existing finishes.
- Steel surfaces.
- Polyester spray filler.
- Glass reinforced polyester.

### **MIXING RATIO**





- 4 parts Concept 2K Epoxy Primer (Urethane) by volume.
- 1 part Concept Epoxy Hardener by volume
- If needed a 10 - 20% reduction can be made with Concept 2K Thinner.

## SPRAY GUN AND PRESSURE

<p>SPRAY GUN &amp; PRESSURE:</p>	<ul style="list-style-type: none"> <li>2.0mm tip with a suction feed gun</li> <li>Pressure is 350 – 450 kPa. (The same condition applies for gravity feed)</li> </ul>	
----------------------------------	---	---

## APPLICATION

- Stir thoroughly before use.
- All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. Lightly rusted surfaces must be treated with Concept Light Rust & Metal Conditioner.
- Two to three, even coats are needed to obtain a 50 - 80 Micron Dry Film Thickness. 100 microns can be obtained after three to four coats.

<p>SPRAYING VISCOSITY:</p>	<ul style="list-style-type: none"> <li>25 - 27 seconds B4 cup at 25°C.</li> </ul>	 25-27 SECONDS
<p>FLASH-OFF TIME:</p>	<ul style="list-style-type: none"> <li>5 minutes between coats at 25°C.</li> </ul>	
<p>DRYING:</p>	<ul style="list-style-type: none"> <li>3 - 4 hours at 25°C for a Dry Film Thickness of 50 – 80 Micron.</li> <li>16 – 24 hours at 25°C for a Dry Film Thickness of 100 Micron.</li> <li>Low Bake for 30 - 40 minutes at 50°C.</li> </ul>	
<p>SANDING:</p>	<ul style="list-style-type: none"> <li>Wet sand thoroughly with either P600 - P800 before applying finish coat.</li> </ul>	

## TECHNICAL INFORMATION

<b>COLOUR:</b>	White
<b>COVERAGE:</b>	5 m <sup>2</sup> /L @ 80 Micron Dry Film Thickness.
<b>VOC:</b>	Primer: 368 g/L, Hardener: 573 g/L
<b>POT LIFE:</b>	2 - 3 hours at 25°C.
<b>PACKAGING:</b>	1LT, 4LT, 5LT Kit Hardeners: 250ML, 1LT
<b>ITEM CODE:</b>	A03C/2KEPOXY (Hardener: A04C/EPOXYHARD)
<b>SHELF LIFE:</b>	12 Months (Hardener: 6 months)

---

The above information is reliable and accurate to the best of our knowledge at the time of preparation. Any recommendations or suggestions made are without warranty or guarantee. Users assume all responsibility since the conditions of use are beyond our control.

**REVISED: 06 May 2013**

**REPLACES ISSUE: 3 December 2009**

**2K Epoxy Primer (Urethane)**

**Page 3 of 3**