


<b>QDB</b>	<h1>OBRIT 620 MP</h1>		Technical Data Sheet
			919120
	Created on: 12/10/2014 by SR	Version: 05	
	Modified on: new	Replaced version: 04 dated 25/11/09	
Approved on: 15/10/2014 by SR	<b>Page: 1 of 1</b>		

**PRODUCT DESCRIPTION**

**OBRIT 620 MP** is a highly corrosion-resistant, glass-fibre-reinforced polyester coating with a smooth and non-porous surface. **OBRIT 620 MP** is approved under KVVU No. 222.003.15 as a coating in the water protection area according to Appendix 2 of the TTV.

**AREAS OF APPLICATION**

**OBRIT 620 MP** is ideal for the corrosion protection of metal and concrete containers such as collecting trays, reaction vessels, plant parts, storage tanks, separators, exhaust air chambers, etc.

**PRODUCT FEATURES**

- Excellent chemical and mechanical properties
- Good price / performance ratio
- Good cleaning properties
- Does not contain cobalt accelerators
- Smooth or non-slip finish available

**COLOUR SHADE**

**OBRIT 620 MP** can be ordered in four standard shades of colour: RAL 3009, RAL 6021, RAL 7035 and RAL 7023

**COMPOSITION**

**OBRIT 620 MP** consists of a vinyl ester resin dissolved in styrene. A peroxide system is used as a hardener.

**CHEMICAL RESISTANCE**

Refer to the list of chemicals on the SVTI certificate.

**THERMAL RESISTANCE**

**OBRIT 620 MP** is suitable for the following temperatures if it is not simultaneous subject to chemical or mechanical loading.  
 Permanent load: + 120°C  
 Short-term exposure (max. 3 days): + 160°C, dry heat

**TECHNICAL CHARACTERISTICS**

Adhesion test ASTM D 4541	> 1.5 N/mm <sup>2</sup>
Shore hardness D, DIN 53505	75 - 85
Elongation at break	1.7 %
Flexural strength, ISO 178	120 N/mm <sup>2</sup>
Compressive strength, ISO 604	40 - 60 N/mm <sup>2</sup>

**MATERIAL CONSUMPTION**

Coating consisting of double laminate: approx. 3.2 kg/m<sup>2</sup>

**CLEANING**

Regular care with suitable cleaning agents is recommended to ensure a high-quality, lasting surface finish and to preserve the aesthetic appearance. Abrasive stress can result in scratches and damages to the surface.

**LEGAL NOTES**

We have compiled the content of this document to the best of our knowledge based on our many years of experience. The values specified are guideline values and may vary. All values were determined after 7 days, at 23°C.