

Jotaguard VA 5001

PRODUCT DESCRIPTION

This product is a fusion-bonded epoxy designed as an anti-corrosion coating for valves and fittings. The product conforms to BS 6920 at 85 °C (185 °F) for use in contact with drinking water and is listed by the WRc Group for use in contact with hot and cold potable water.

POWDER PROPERTIES

Property	Standard	Result
Cure time	CSA-Z245.20 (12.1) 200 °C (392 °F) 232 °C (450 °F)	120-210 seconds 50-120 seconds
Gel time	ISO 8130-6 at 200 °C (392 °F) Jotaguard VA 5001 30S Jotaguard VA 5001 55S	20-40 seconds 40-70 seconds
Moisture content	CSA-Z245.20-06 (12.4B)	Below 0.50 % (at time of manufacture)
Density	CSA-Z245.20 (12.6)	1440 ± 50 g/l
Thermal characteristics	CSA-Z245.20 (12.7) Inflection point	T _{g1} = 54-70 °C (129-158 °F) T _{g2} = 98-108 °C (208-226 °F) ΔH = 30-60 J/g

Storage

When stored at a maximum 25 °C (77 °F), a shelf life of 12 months is obtained from the date of manufacture.

APPLICATION

Powder application

Application conditions depend on such factors as specification, plant capability and object characteristics.

Curing schedule	Object temperature	Time
		50-150 seconds
Application conditions	Typical application temperature	Typical film thickness
Typical application	190-240 °C (374-464 °F)	500 µm (20 mils)

APPEARANCE

Gloss	EN ISO 2813 (60°)	70-90
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Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.