

## Polymeric linings 785 type datasheet

<b>Material basis</b>	solvent-free elastomers on modified PUR-basis
<b>Type of reaction</b>	2-component material, self-mixing by means of a static mixer
<b>Type of application</b>	cartridge spraying, casting and injection
<b>Working conditions</b>	may be processed under high heat and high humidity
<b>Thermal treatment</b>	no post-treatment necessary
<b>Properties</b>	elastic, impact-damping, slip-resistant
<b>Characteristics</b>	resistant against wear, erosion, corrosion, cavitation
<b>Layer thickness</b>	1.0 mm (40 mils) up to infinite
<b>Number of layers</b>	processable in one single operation
<b>Static surface friction <math>\mu(0)</math></b>	approx. 0.6
<b>Shrinking / swelling</b>	not measurable
<b>Chemical resistance</b>	usually ph 3-11
<b>Mechanical processability</b>	machinable with most processes
<b>Area weight</b>	1.05 kg per m <sup>2</sup> /mm (0.22 lb per 40 mils/sqft) film thickness
<b>Ready for use</b>	as from 12 hours
<b>Color</b>	light grey, dark grey, blue, black, red, yellow, green, natural
<b>Substrate preparation</b>	mechanical roughing or gritblasting / degreasing / priming
<b>Food compatibility</b>	according to FDA 177.1680 (title 21), EU 1935/2004
<b>Drinking water compatibility</b>	according to British Standard BS 6920 and Australian Standard AZ/NS 4020/2005
<b>Container size</b>	double cartridge with 1.05 kg (2.3 lbs) including mixer/spray nozzle
<b>Shelf-life</b>	at least 12 months
<b>Availability</b>	immediately ex warehouse