

# TECHNOWRAP™ RESINS

Resin system	<b>Low Temperature (LT)</b>
Reinforcements	2K, HP PRS, PRS, SRS
Key characteristic	Ambient cure epoxy resin system at low ambient temperatures
Temperature range (°C)	-75 to 90
Cure time	24 hours at 20°C
Chemical resistance	3 < pH < 10
Lap shear strength (MPa)	15

Resin system	<b>High temperature (HT)</b>
Reinforcements	2K, HP PRS, PRS, SRS
Key characteristic	High temperature epoxy resin system (which requires post curing)
Temperature range (°C)	90 to 220
Cure time	36 hours at 80°C
Chemical resistance	4 < pH < 9
Lap shear strength (MPa)	10

Resin system	<b>High Ambient (HA)</b>
Reinforcements	2K, HP PRS, PRS, SRS
Key characteristic	Ambient cure epoxy resin system at high ambient temperatures
Temperature range (°C)	-75 to 90
Cure time	24 hours at 40°C
Chemical resistance	3 < pH < 10
Lap shear strength (MPa)	13

Resin system	<b>Potable</b>
Reinforcements	2K
Key characteristic	Ambient cure epoxy resin system approved for potable water service
Temperature range (°C)	-10 to 80
Cure time	24 hours at 20°C
Chemical resistance	4 < pH < 9
Lap shear strength (MPa)	10

Resin system	<b>Splashzone</b>
Reinforcements	2K, HP PRS, SRS
Key characteristic	Epoxy resin system which can cure and adhere in wet or submerged conditions
Temperature range (°C)	-10 to 55
Cure time	24 hours at 35°C
Chemical resistance	4 < pH < 9
Lap shear strength (MPa)	9

Resin system	<b>Cunifer</b>
Reinforcements	2K
Key characteristic	Epoxy system specifically designed for adhesion to cunifer pipework
Temperature range (°C)	-10 to 65
Cure time	24 hours at 20°C
Chemical resistance	4 < pH < 9
Lap shear strength (MPa)	15

Resin system	<b>DRS</b>
Reinforcements	SRS
Key characteristic	Rubber toughened epoxy resin
Temperature range (°C)	-10 to 60°C
Cure time	36 hours at 20°C
Chemical resistance	4 < pH < 9
Lap shear strength (MPa)	15

Resin system	<b>Glycol</b>
Reinforcements	2K
Key characteristic	Ambient cure epoxy resin system for 100% Glycol (TEG or MEG) service
Temperature range (°C)	0 to 90°C
Cure time	24 hours
Lap shear strength (MPa)	8

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