

Is a high-density crosslinked ceramic reinforced dual component liquid polymer composite, sprayable and easy to use for severe wear and chemical attack in dry and immersion applications. It is designed with a medium-viscosity epoxy resin and fine ceramic fillers, making it ideal for increasing flow and reducing friction and wear due to turbulence.

### MAXIMIZING YOUR BENEFITS

#### SPRAYABLE

A simpler and faster way to protect your asset

#### OUTSTANDING CHEMICAL AND ABRASION RESISTANCE

Making it an excellent choice for extending the life of your assets

#### CERAMIC REINFORCED POLYMER COMPOSITE

Extends the equipment's life exposed to particle wear

#### 100% SOLIDS; NO VOCs

Making it a great choice for any environmentally friendly project

### MAXIMIZING YOUR APPLICATIONS

- Storage tanks
- Secondary containments
- Lining for pipelines
- Girth Welds
- Slurry systems
- Pumps & Valves
- Immersion applications
- Chemical attack
- High wear & abrasion
- Girth Welds

### CURING TIMES (25°C)

Dry-to-touch	2 hrs
No loading or immersion	4 hrs
Machining or light loading	6 hrs
Full mechanical load	24 hrs
Full chemical	270 hrs
Dry Film Thickness	500 µm

### PROPERTIES

Adhesion ASTM D4541	32 Mpa >4600 psi
Abrasion resistance ASTM D4060	21 mm <sup>3</sup> CS17 (dry)
Compressive Strength ASTM D695	96 Mpa >13900psi
Hardness (Shore D) ASTM D2240	86
Tensile Strength ASTM D638	41 Mpa >5900 psi
Flexural Strength (25 °C) ASTM D790	95 Mpa >13700 psi
Flexural Strength (140 °C) ASTM D790	103 Mpa >14900 psi
Temperature Resistance ASTM D 3418	120 °C 248 °F
Heat Resistance	200 °C 392 °F

### THEORETICAL COVERAGE @ 500 µm

### WINDOW RECOAT

1 kg covers	1,39 m <sup>2</sup>	Minimum	2 hrs
5 kg covers	6,95 m <sup>2</sup>	Maximum	24 hrs

### PACKING

### DATA

DGC 2612.01	1 kg	Ratio Volume	4:1
DGC 2612.05	5 kg	Ratio Weight	6.2:1
DGC 2612.20	20 kg	Working time	20 mins
Shelf Life	24 months	Density A + B	1.44

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