

DGC 2322

Is a **100% solids, sprayable ceramic-reinforced, dual-component liquid polymer composite formulated with a modified phenol novolac epoxy resin and fine ceramic fillers.** It is specifically designed to provide excellent laminar flow and protection against severe corrosion, erosion, and chemical attack, making it also ideal for continued immersion environments.

MAXIMIZING YOUR BENEFITS

SPRAYABLE

A simpler and faster way to protect your asset

FINE CERAMIC FILLERS

Ideal for severe fine particulate wear

OUTSTANDING CHEMICAL AND ABRASION RESISTANCE

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

HIGH GLOSS, LOW DRAG SURFACE

Reducing the amount of energy required to operate the equipment

MAXIMIZING YOUR APPLICATIONS

- Storage tanks
- Secondary containments
- Pumps & Valves
- Heat exchangers
- Slurry systems
- Pipelines
- Immersion applications
- Chemical attack
- High wear & abrasion
- Mixing vessels

CURING TIMES (25°C)

Dry-to-touch	3.5 hrs
No loading or immersion	4 hrs
Machining or light loading	20 hrs
Full mechanical load	48 hrs
Full chemical	270 hrs
Dry Film Thickness	250 µm

PROPERTIES

Adhesion ASTM D4541	27 Mpa >4600 psi
Abrasion resistance ASTM D4060	26 mm ³ CS17 (dry)
Compressive Strength ASTM D695	59 Mpa >9200 psi
Hardness (Shore D) ASTM D2240	83
Tensile Strength ASTM D638	26 Mpa >6500 psi
Flexural Strength ASTM D790	30 Mpa >4300 psi
Impact Resistance ASTM D256	4.0 kJ/m ²
Temperature Resistance ASTM D 3418	130 °C 266 °F
Heat Resistance	200 °C 392 °F

THEORETICAL COVERAGE @ 250 µm

WINDOW RECOAT

1 kg covers	2,86 m ²	Minimum	3.5 hrs
5 kg covers	14,30 m ²	Maximum	24 hrs

PACKING

DATA

DGC 2232.01	1 kg	Ratio Volume	4:1
DGC 2232.05	5 kg	Ratio Weight	5.8:1
DGC 2232.20	20 kg	Working time	35 mins
Shelf Life	24 months	Density A + B	1.40

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