

DGC 2361

Is a dual-component ceramic-reinforced polymer composite specifically designed for dry and immersion, extreme corrosion-erosion, and chemical environments. It is formulated with a high solids content a modified phenol novolac epoxy resin and fine ceramic fillers, resulting in a smooth and polished finish that offers exceptional flow and abrasion wear resistance.

MAXIMIZING YOUR BENEFITS

OUTSTANDING CHEMICAL AND ABRASION RESISTANCE
 Making it an excellent choice for extending the life of your assets

100% SOLIDS; NO VOCs
 Making it a great choice for any environmentally friendly project

FINE CERAMIC FILLERS
 Ideal for severe fine particulate wear

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
- Sealing of leaks

CURING TIMES (25°C)

Dry-to-touch	2 hrs
No loading or immersion	4 hrs
Machining or light loading	20 hrs
Full mechanical load	44 hrs
Full chemical	270 hrs
Dry Film Thickness	500 µm

PROPERTIES

Adhesion ASTM D4541	21 Mpa >3000 psi
Abrasion resistance ASTM D4060	58 mm ³ CS17 (dry)
Compressive Strength ASTM D695	68 Mpa >9800psi
Hardness (Shore D) ASTM D2240	86
Tensile Strength ASTM D638	26 Mpa >3700 psi
Flexural Strength ASTM D790	28 Mpa >4000 psi
Impact Resistance ASTM D256	1.8 kJ/m ²
Temperature Resistance ASTM D 3418	120 °C 248 °F
Heat Resistance	200 °C 392 °F

THEORETICAL COVERAGE @ 500 µm

WINDOW RECOAT

1 kg covers	1,12 m ²	Minimum	2 hrs
5 kg covers	5,60 m ²	Maximum	24 hrs

PACKING

DATA

DGC 2361.01	1 kg	Ratio Volume	4:1
DGC 2361.05	5 kg	Ratio Weight	6.2:1
DGC 2361.20	20 kg	Working time	30 mins
Shelf Life	24 months	Density A + B	1.78

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