



CL 9472 NOVOLAC FIBRE EPOXY COATING

CL 9472 is a two pack Epoxy Novolac coating reinforced with carbon fibre, designed to provide maximum corrosion resistance against most aggressive chemicals in extreme service applications.

The carbon fibre will form strong impermeable barriers which further enhances the chemical resistance properties of epoxy novolac. It can be applied as a solvent free coating / lining over surfaces for steel and concrete structures that is exposed to aggressive chemicals.

RECOMMENDED USES

CL 9472 Novolac Fibre Epoxy Coating is designed to provide maximum corrosion protection against concentrate acids, solvents and others aggressive chemicals for pipe, tank, secondary containment and any structure exposed to aggressive chemicals.

ADVANTAGE

- Durable – Tough and impermeable layer with excellent resistance against wear and tear.
- High build – can build up to 250 microns in one coat.
- Chemical resistance – Excellent resistance against the most corrosive chemicals.
- Adhesion – Excellent adhesion to most surfaces.
- Environmentally friendly – Zero VOC.

CHEMICAL RESISTANCE GUIDE

Exposure	Immersion	Splash & Spillage	Fumes
Acids	Excellent	Excellent	Excellent
Alkali	Excellent	Excellent	Excellent
Solvents	Excellent	Excellent	Excellent
Salt water	Excellent	Excellent	Excellent
Water	Excellent	Excellent	Excellent

PHYSICAL DATA

Volume Solids	: 100 %
Theoretical Coverage	: 3.2 m ² /kg @ 250 microns DFT
Type	: Two components
Mixing Ratio	: 4 part A to 1 part B by weight
Colour Availability	: Refer to colour chart
Recommended Thickness	: 250 to 500 microns DFT per coat
No. of coats recommended	: One or Two coat

Pot Life

: 15 minutes at 30°C (varies with temperature)

Packing Size : 5kg : Part A – 4 kg
: Part B – 1 kg

APPLICATION INSTRUCTIONS

Surface Preparation:

Steel

Abrasive blast clean to a minimum standard of SSPC-SP1.

For maximum performance and for highly corrosive conditions, dry blasting to SSPC-SP10 is recommended.

Average surface profile of 50-75 microns is required.

The surface to be coated must be clean and dry and free from all visible traces of surface contaminants.

Concrete

Concrete shall be at least grade 25 and new concrete shall be cured for minimum 28 days.

Surface tensile shall be in accordance with BS EN 1542. Surface to be coated shall be dry

smooth surfaces shall be roughened by grinding or abrasive blasting to a medium grit size sand paper pot life to ensure good adhesion.

Mixing

Mix Part A thoroughly then add in Part B and mix homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.

Application

The mixed materials shall be applied by brush, roller or airless spray. For spray application hold gun 8 to 10 inches from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun. The coating can be applied by brush and roller but surface will be textured and variation in thickness.