

Solvent Free Epoxy Protection



PES-Chem 501 CRSG

PES-Chem 502 CRXF

PES-Chem 501 CRSG and 502 CRXF are high build solvent-free epoxy coatings designed for the long term protection of steel and concrete structures against corrosion, abrasion and chemical attack. Operating temperature ranges from -4°F to 104°F . The two component product is highly resistant to marine and industrial environments, buried conditions, ground water, effluents, salt water and a wide range of oils and chemicals. PES-Chem 502 CRXF is a rapid cure version of PES-Chem 501 CRSG.

Features of the product include –

- Simple to mix and use
- High build protection
- Good adhesion to a wide range of surfaces
- Excellent chemical resistance
- Application by brush, roller or spray
- Proven track record within many industries

Benefits to the user include –

- Long term protection of key assets
- Cost effective solution
- Reduced downtime of production areas
- Reduced life cycle costs

Typical Applications include –

- Pipelines, tanks, chemical containment, bund areas, sheet and bearing piles, and other land and marine structures.

Solvent Free Epoxy Novalac Protection



PES-Chem 511 UCEN

PES-Chem 511 UCEN is a high build solvent free epoxy novalac coating designed for the long term protection of steel and concrete structures against corrosion and chemical attack. The two component product is highly resistant to aggressive chemicals in continuous immersion conditions such as 98% sulphuric acid and 36% Hydrochloric acid.

Features of the product include –

- Solvent free
- Excellent chemical resistance
- Application by brush, roller or spray
- Seamless lining
- Good adhesion to concrete and steel surfaces

Benefits to the user include –

- Long term protection of key assets
- Cost effective
- Reduced downtime of production areas
- Reduced life cycle costs

Typical Applications include –

- Pipelines, tanks, chemical containment, bund areas, screw pumps, structural steel and concrete, process vessels and equipment.

Solvent Based Epoxy Protection



PES-Chem 506 Aluprime

PES-Chem Aluprime is a two pack solvent based high performance epoxy coating incorporating a unique blend of anti-corrosive pigments and rust penetrants. The product has been developed for application to manually prepared, damp or previously coated surfaces while offering good adhesion, weather and corrosion resistance.

Features of the product include –

- Simple to use
- Tolerant of less than ideal surface preparation
- Good adhesion to a wide range of surfaces
- Excellent corrosion protection
- Versatile application, brush, roller or spray
- Applied at 5 mils per coat
- Cures under cold or damp conditions

Benefits to the user include –

- Ensures good weathering resistance of steel or concrete structures
- Flexible surface preparation
- Reduced downtime of production areas
- All year round application

Typical Applications include –

- Structural steel in marine or industrial environments, external tank coating, marine decking, external pipe work, pump or valve casings, steel stairways

Solvent Free PU Protection

PES-Chem 507 DWPU

PES-Chem 507 DWPU is a high build solvent free urethane anticorrosive coating designed for the efficient long term protection of pipelines, internal tank surfaces, pipe fittings and equipment. PES-Chem DWPU also meets the requirements of BS6920:1990 as required by the Water Research Center. The material is available in several grades including, brush, pour and roll and spray.



Features of the product include –

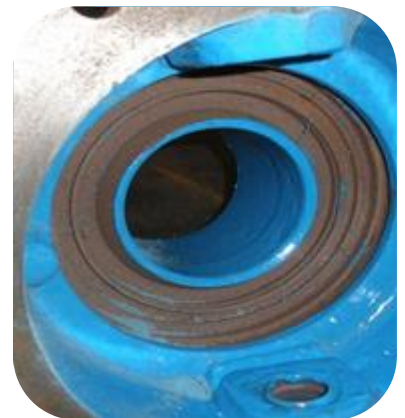
- High build capability in a single coat
- Excellent corrosion resistance
- Versatile application, brush, roller or spray
- Potable water approved

Benefits to the user include –

- Cost effective solution
- Reduced downtime of production areas
- Long term corrosion protection

Typical Applications include –

- Pump casings, pipelines internal and external, tank lining, effluent systems, drinking water tanks and fittings.



Solvent Based PU Protection

PES-CHEM 508 UVPU

PES-CHEM 508 UVPU is a two pack solvent based polyurethane UV stable coating. The product once cured offers a tough UV resistant finish with excellent durability and light fastness. The product is normally used as a light stable finishing layer to surfaces previously coated with PES-CHEM 501 CRSG, 502 CRXF or 506 Aluprime



Features of the product include –

- Simple use
- Good adhesion to previously coated surfaces
- Excellent corrosion resistance
- Versatile application, brush, roller or spray
- Proven track record within many industries
- UV Stable
- Good chemical resistance
- Seamless finish
- Available in many standard colours

Benefits to you include –

- Reduced downtime of production areas
- Long term corrosion protection
- All year round application

Typical Applications include –

- Clear or pigmented finishing coat for multi coat systems on structural steel, external tank surfaces, stairways, pipe bridges and railings



Solvent Based Membrane Protection

PES-Chem 554 RB

Membrane

PES-Chem 554 RB Membrane is a rubberised acrylic system which is ideal for protecting manual and Hydroblasted steel surfaces prone to corrosion, UV degradation and ponding water.

The system is designed to be applied in 2 coats and once cured, will offer a water impermeable barrier on steel or concrete surfaces. The product can be applied by brush, roller or standard airless spray and will offer long term UV stable corrosion protection.

Features of the product include –

- Simple to use high build protection
- Applied to water jetted surfaces
- Application by brush, roller or spray
- Seamless UV stable lining
- Shower resistant in 15 minutes

Benefits to the user include –

- Long term protection of key assets
- Less downtime of key assets
- Eradicates the use of messy abrasives for surface preparation

Typical Applications include –

- External tank surfaces, structural steel and concrete



Water Based Membrane Protection

PES-Chem 555 Pesinox

PES-Chem 555 Pesinox is an anti-corrosive encapsulation system which provides a safe way of protecting metallic or cementitious surfaces without the need to remove old hazardous coatings. The single component product is water based and therefore classed as non-hazardous. It can be applied to manually prepared surfaces by brush, roller or conventional airless spray equipment. The product is rapid curing and shower resistant within 30 minutes at 68°F.



Features of the product include –

- Environmentally friendly option
- Water based
- High build protection
- Excellent corrosion resistance
- Seamless lining
- Good adhesion to concrete and steel surfaces
- UV stable
- Applied to water jet or hydro blasted surfaces

Benefits to the user include –

- Long term protection of key assets
- Reduced downtime of production areas

Typical Applications include –

- External tank surfaces, structural steel and concrete