

PPG SIGMAGUARD™ CSF 650

One-coat tank lining that's resistant to chemicals and safe to work with

Our practical solution combines epoxy's proven chemical resistance with the significant health and safety advantages of solvent-free products.



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Superior protective properties

PPG SIGMAGUARD CSF 650 provides excellent corrosion protection designed specifically for tank linings used in the storage of crude oil and aliphatic petroleum products.

Its wide chemical resistance permits the storage of crude oil up to a maximum temperature of 60°C (140°F) and aliphatic petroleum products.

A detailed chemical resistance list can be found online by using the TankSelect tool tankselect.sigmacoatings.com

Fast and efficient application

Our coatings work hard to make your maintenance projects easier and more cost-effective.

We created PPG SIGMAGUARD CSF 650 to serve many purposes, keeping your inventory simple. It's ready to be used on new construction projects but also contains a number of added qualities that make it ideal for major refurbishments.

It can be applied directly to steel, or over an approved primer. It is designed for application by heavy-duty, single-feed airless equipment (60:1), although roller application can be used for stripe coating.

With excellent edge retention, elasticity and resistance to shrinkage, PPG SIGMAGUARD CSF 650 coating is ideally suited for the fast and efficient refurbishment of old tanks.

Pit-falling properties with no shrinkage at high film thickness ensure maximum protection for imperfect surfaces. It can also be reinforced with chopped glass fiber or glass mat which provides durable, cost-effective repairs for corroded tank bottoms.

And to ensure the benefits of PPG SIGMAGUARD CSF 650 are long-lasting, creating enduring efficiencies and cost-savings for you and your maintenance teams, its smooth, glossy finish and light color reduces cleaning time and makes future inspections much easier.

Safer to use and kinder to the environment

As PPG SIGMAGUARD CSF 650 is completely free of solvents, it improves air quality and reduces the risk of accidents.

A greatly reduced risk of explosions and fires, paired with improved working environments means a healthier, safer and more productive workplace for applicators and maintenance teams.

Independently verified claims

We designed this epoxy to be safer to use, easier to apply and harder working for longer. Those claims are backed up by more than 20 years of continued use around the world across all aspects of the petrochemical industry.

For two decades, customers have reported that tanks lined with this coating can be opened and inspected, even after prolonged hydrocarbon immersion service, to reveal outstanding results, including no corrosion, blistering, or softening.

PPG SIGMAGUARD CSF 650 also meets the requirements of Mil-C-4556E regarding resistance against aircraft fuel and fuel degradation and is approved to Air BP requirements for the storage of jet fuels.

Visit ppgpmc.com or contact:

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