

PROTECTIVE COATINGS

solutions that cover your needs



**SIGMA
COATINGS**

A PPG Brand

*PhenGuard*TM 930/935/940

The solution for aggressive chemical
and refined product storage

- Resistance to an exceptionally wide range of chemicals and refined products including methanol, ethylene dichloride (EDC) and fatty acids
- Suitable for high-purity, high-value products
- Low product absorption and fast release
- Simple and efficient application process
- Widely proven with decades of performance and protection track records



PPG Protective & Marine Coatings

PPG Protective & Marine Coatings – the leading choice for aggressive chemical and refined product storage

To maximize revenue-earning potential in the competitive petrochemical market place, it is vital that chemical and refined product manufacturers have the flexibility to store the widest range of products.

The correct choice of storage tank linings plays a major role in deciding which products can be stored in the tank as well as influencing operational matters such as tank utilization and ease of cleaning. This is where PPG's expertise and experience, supported by products that have been proven to perform in the most hostile conditions makes the choice of which coating system to apply so much easier.

Continuous research and development has resulted in the development of *PHENGUARD* which, over the past 30 years, has consistently provided the ability to store an exceptionally wide range of chemicals and refined products, including highly aggressive materials like methanol, EDC and fatty acids. *PHENGUARD* is a three-coat system containing no harmful isocyanates, is suitable for high-purity, high-value products, and has low product absorption and fast release. The coating is also easy to apply using standard application practices, with a smooth surface enabling more efficient cleaning.

As the market leader, we have applied over 20 million m² /214 million ft² of this renowned system for the transportation and storage of diverse and aggressive chemical and refined products.

Chemical resistance

An extended chemical resistance list *PhenGuard* can be found in TankSelect, <http://tankselect.sigmacoatings.com>

Typical resistance chart of *PHENGUARD*

Stored Product	Resistance
Aliphatic hydrocarbon	✓
Benzene, toluene	✓
Xylene and higher aromatics	✓
Crude oil	✓
Methanol (hot cure)	✓
EDC	✓
Caustic Soda	✓
Vegetable oils and acids (restriction on acid value)	✓
Ammonia solution 25%	✓
Oxygenated fuel	✓

(✓ = resistant to product)

For reference only, for complete product resistance list refer to the TankSelect guide.



Excellent corrosion protection



Minimal maintenance down-time



Resistant to chemical immersion



Excellent solvent resistance

Please check our website for product datasheets and the latest information on these and other fine products: www.ppgpmc.com/northamerica