



NOVAGUARD™ 650

Solvent free solution for crude oil and aliphatic petroleum products

- Suitable for storage of crude oil up to 60°C
- Excellent anticorrosive properties and resistance to various chemicals
- Non-toxic and CMR (Carcinogenic, mutagenic, repro toxic) substance free
- One coat system
- Adaptable application characteristics
- Light color with smooth and glossy appearance for easy cleaning and inspection
- Short minimum recoating interval, combined with extended recoating window
- Pit-filling properties with no shrinkage at high film thickness



**PPG Protective &
Marine Coatings**

Bringing innovation to the surface.™

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The *NOVAGUARD* solutions are PPG's new generation of advantaged tank linings which effectively protects assets exposed to the widest range of chemicals and petroleum products.

NOVAGUARD 650 combines the proven chemical resistance of epoxy tank lining systems with the significant health and safety advantages provided by solvent-free products.

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

| Stored products | Resistance |
|------------------------------------|------------|
| Crude Oil (60°C) | ✓ |
| Aliphatic Hydrocarbon | ✓ |
| Refined / Clean Petroleum Products | ✓ |
| Fuel Oils (60 °C) | ✓ |
| Unleaded Gasoline (note 21) | ✓ |
| Xylene and Higher Aromatic | ✓ |

(✓ = resistant to product). For reference only, for complete product resistance list consult Technical Sales Representative

Adaptable application properties

The *NOVAGUARD* 650 is a so called "Cold Solvent Free" coating and as such can be applied with standard airless equipment with a min ratio of 60:1. It is sprayed as one coat system directly to an approved primer or blast cleaned steel.

The coating is versatile and can be used in new construction and / or maintenance. For maintenance the combination of pit filling properties and the possibility of reinforcement by chopped glass fiber or glass mat will provide the tank bottoms extended service lifetime.

Environmentally friendly - improved working conditions

NOVAGUARD 650 solvent-free composition improves significantly working conditions, air quality and reduces the risk of explosion and fire.

Additionally, *NOVAGUARD* 650 is non-toxic and CMR (Carcinogenic, mutagenic, repro toxic) substance free, providing applicators a healthier, safer and more environmentally friendly workplace.

Benefits

- High-build, simple system – improves productivity
- Excellent chemical resistance – maximizes storage capabilities
- Approved for Jet Fuel EI 1541
- Smooth finish and light color – reduces cleaning time and assists inspection
- Pit-filling capability and ease of use - reduces cost of tank bottom repairs
- Can be used in combination with chopped fiber system
- Available in clear version for matt lay-up
- Environmentally friendly
- Improved health and safety due to Non-toxic and CMR (Carcinogenic, mutagenic, repro toxic) substance free