



Coatings for the Range of Chemicals:

Our new „winter-system“:

Internal coating of 2 bulk tanks for calcium chloride-solution

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» A Dutch fabricator of different chemicals built two new bulk storage tanks for calcium chloride-solution (CaCl_2 - 24%). In February and September 2012 they were internally coated with our solvent-free product Proguard CN-1M („winter-“ and „summer-system“).



Until further processing, the highly corrosive liquid is intermediately stored in these tanks with a temperature of 60°C. Therefore, high requirements for corrosion protection are placed in this field of application.

The demands are easily fulfilled with our premium coating Proguard CN-1M. The specific hardener composition W4 facilitate the use of this product in dry winter periods at ambient temperatures down to -10°C. Even under those conditions the coating is still sprayable and cures within 2-3 days completely. After 7 days of curing, the coated surface is generally chemical resistant, thus largely preventing temperature-dependent down times.





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Our Product:

- Proguard CN-1M (W4)



Both open steel tanks had wall and floor surfaces of 1.000 m². After pre-treatment (sandblasting, SA 2 ½) the coating was applied simply by airless spraying methods.

The application of the first tank was conducted without difficulties during steady weather conditions. The coating of the second tank was impeded by persistent rain. A tarpaulin top with adequate ventilation enabled the trouble-free application of the internal coating.

With 1 layer of 300 µm Proguard CN-1M provides durable corrosion protection against aggressive substances and environmental influences.

Are you searching for high-performance coatings for storage tanks of chemicals?

Would you like to carry out applications at cold ambient temperatures?

Our corrosion experts will gladly assist you!