

NOVAGUARD TANKCOATING SYSTEM

3328

a three page issue

January 2010
revision of April 2009**GENERAL DESCRIPTION**

The NovaGuard tankcoating system is a 1 or 2 coat, solvent free phenolic epoxy tank lining, with excellent resistance against a wide range of chemicals.

Prefabrication primers must be removed. This tankcoating system consists of either 1 or 2 coats, depending on configuration of area to be coated, with specification film thicknesses ranging from 300 to 450 microns.

Single coat application is only recommended for large flat surfaces such as tanktops. For more complex structures a two coat system is required to ensure adequate dry film thickness is applied to the entire coated area.

Sharp edges, holes, backsides of bulbs, weld seams and other areas not readily accessible to sprayguns should be stripe coated by brush with the next coat of the system to achieve the specified film thickness.

For detailed information on resistance and resistance notes, please refer to latest issue of the Tankcoating Resistance list (TRIS)

For recommended application instructions

– see working procedure –

SPECIFICATION FOR IN SITU BLASTED STEEL

SPECIFICATION1	recommended system for chemical and solvent resistance (according to latest issue of the Tankcoating Resistance list (TRIS))	
pretreatment	steel; blast cleaned to ISO-Sa2½ blasting profile (Rz); 50 - 100 µm	
paint system	NovaGuard 840	300 µm
Note	In case of complicated tank structures it is recommended to apply 2 coats of 250 µm of NovaGuard 840	

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SPECIFICATION 2	maintenance of minor defects	
pretreatment	corroded mechanically damaged spots and other defects should be freed from rust and any contamination by reblasting to ISO-Sa2½ (preferably vacuum blasting) or disc sanding according to SPSS-Pt3 the areas surrounding the cleaned spots should be feather edged or sanded in order to obtain good adhesion	
paint system	original system specification, if repaired by brush, at least, 2 coats have to be applied in order to achieve the specified minimum dry film thickness (300 µm)	
	or	
	SigmaGuard 795	125 µm
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CURING TABLE

substrate temperature	min. curing time of NovaGuard tankcoating system before transport of cargoes without note 4, 7, 8 or 11 and ballast water and tanktest with seawater
5°C	15 days
10°C	7 days
20°C	5 days
30°C	3 days
40°C	2 days

- minimum curing time of NovaGuard tankcoating system before transport of cargoes with note 4, 7, 8 or 11: 3 months
- for detailed information on resistance and resistance notes, please refer to latest issue of the Tankcoating Resistance list (TRIS)
- adequate ventilation must be maintained during application and curing (please refer to sheet 1433 and 1434)

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REFERENCES

NovaGuard 840	see product data sheet 7468
SigmaGuard 795	see product data sheet 7455
Safe working in confined spaces	see information sheet 1433
Directives for ventilation practice	see information sheet 1434
Cleaning of steel and removal of rust	see information sheet 1490
Specification for mineral abrasives	see information sheet 1491

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