



NASHGUARD NG250

October 2024 (revision of May 2023)

Product Description: A single component elastomeric compound

Characteristics: developed as an anti-corrosion system for Flange and Pipeline protection
designed to protect assets from electrolytic instigated corrosion
designed to shrink around the substrate forming a solid elastomeric coating
can be applied to metal, cement, wood, metal, rope, rubber
contains no lead additives
low toxicity when cured
contains natural Passive Corrosion Inhibitor that neutralizes surface oxidation and eliminates corrosion

Colours and Gloss: White and other colours (see RAL or BS colour Charts) – Matt

Pack Size: 5 and 20 Ltr

Basic Data @ 20°C

Specific Gravity: 1.10 Kg/m³
Volume Solids: 58 ±2%
Recommended Film Thickness: 100µ to 1mm dependent on substrate and coating area
Theoretical Spreading Rate: 1 m²/Ltr @300µm (total 3 coats)
Touch Dry: 20 minutes
Overcoating Interval: 1 hour
max unlimited
Full Cure: 7 hours
Flash Point: >170°C
VOC: <5g/kg
Pot life: 12 months if the pot is sealed after decanting
Shelf Life: 3 years

Recommended Substrate

Conditions and Temperatures: dry and free from any contamination and loose material during application and curing a substrate temperature down to minus 10°C is acceptable
substrate temperature should be at least 3°C above dew point

Instructions For Use: Nashguard NG250 can be applied by brush, roller, or spray
substrate should have 3 coats of NG250 applied to ensure complete coverage and remove potential for holidays

Application: mix thoroughly before use, mechanical mixer is not required

Brush/Roller:
Recommended Thinner: Nashguard Thinners
only Volume of Thinner: max 10%





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Conventional Spray:
 Recommended Thinner: Nashguard Thinners
 only Volume of Thinner: max 50%
 Nozzle Orifice: 0.38 – 0.53mm
 Pressure: 2000 psi

Airless Spray:
 Recommended Thinner: Nashguard Thinners
 only Volume of Thinner: max 50%
 Nozzle Orifice: 1.4 – 1.8mm
 Pressure: 8000 - 10000 psi

Cleaning Solvent: Nashguard Thinners
 It is recommended that equipment should be cleaned/flushed during the application, the frequency of which will depend on the volume of material used and application timeframe.

Recommended Degreaser: Panel Wipe (see relevant Material Safety Data Sheet (MSDS))

Safety Precautions: for coating, thinners and degreaser see relevant Material Safety Data Sheets (MSDS)
 this is a solvent borne coating and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes.

Additional Data: Overcoating table for NG 250 for dft up to 300 microns μ m

Substrate Temperature	10°C	20°C	30°C	40°C	50°C	60°C	70°C
Minimum Interval	4h	1h	1h	1h	1h	1h	1h
Maximum Interval*	-	-	-	-	-	-	-

*This product has an unlimited maximum overcoating interval provided the surface is free from contamination.

Curing table for dft up to 300 microns μ m

Substrate Temperature	Touch Dry	Dry to Handle	Full Cure
10°C	2h	3h	4-5h
20°C	2h	2h	2h
30°C	1h	1h	2h
40°C	30m	30m	1h
50°C	30m	30m	1h
60°C	20m	30m	1h
70°C	20m	30m	1h





Disclaimer:

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of Nashguard Products, whether in Technical Documentation, or in response to a specific enquiry, are based on data which to the best of our knowledge is correct, accurate and reliable. The products and information are designed for end users having the required knowledge and skills to use these products and it is the end user's responsibility to determine the suitability of the product for its intended use.

Nashguard have no control over the condition of the substrate or its suitability to accept application of our product nor over the many other factors affecting the use and application of the product. Nashguard therefore do not accept any liability arising from damage, injury or loss resulting from the use or the contents of this data sheet (unless written agreements are in place to direct otherwise).

The data contained herein is liable to modification because of practical experience and/or continued product development.

This Product Data Sheet is current and replaces all previous issues and it is the user's responsibility to ensure this Product Data Sheet is current prior to using the product.

