

GlobalTemp GN002 High Temperature



TECHNICAL DATA SHEET

Heat Resistant Silicone Acrylic Single Pack Paint

PRODUCT DESCRIPTION	◆ GlobalTemp GN002HT is formulated and developed to be applied on steel surfaces exposed to high temperature (340°C).	
PERFORMANCES	<ul style="list-style-type: none"> • Excellent heat resistance up to 340°C (644°F); • Excellent atmospheric exposure resistance to most chemicals and both fresh and salt water; • Excellent weathering properties; • Excellent gloss retention; • Excellent application properties. 	
RECOMMENDED USE	STEEL SURFACES SUCH AS: - Exhaust pipes, Manifolds - Engine parts, Boiler casings. - As an exterior aluminium finish. - Radiators, Heat exchangers	
APPROVALS	Complies with EU Directive 2010/42/EC: subcategory j (VOC< 500 g/l).	
COMPONENT A	COMPONENT B	COLOURS
GN002HT	NA	GN002HTG7000 (Grey).

Physical Properties

GLOSS	Semi gloss.
SOLIDS BY VOLUME	33 ± 2 %.
VOC*	> 340 grams/L.
FLASH POINT	> 26°C (79°F) Setaflash.
PERFORMANCE	

Application

SURFACE PREPARATION	GlobalTemp GN002HT is developed for application directly to iron/steel surfaces pre-treated by Blast cleaning to Sa 2,5 of the Swedish Standard SIS 055900. All surfaces must be free of oil, grease, moisture and other foreign matter prior to blasting.
APPLICATION METHOD	SPRAY: Use air less spray. Use na equipment with a compressing of 170-200 bar outlet pressure. A 15" or 18" tip is recommended. Conventional spray equipment only on special application conditions- contact GlobalNavy for more information. CONVENTIONAL METHODS: Brush and roller are suitable for "stripe-coat" and small areas, care should be taken in order to achieve the dft specified. When applying on enclosed areas ensure a good ventilation.

ISSUED	Edition 03 / Mod.10 - 21/05/2018
---------------	----------------------------------

GlobalTemp GN002 High Temperature



PERFORMANCE IN COATINGS

APPLICATION CONDITIONS	The substrate temperature should be minimum 10°C (50°F) and at least 4°C (7°F) above the dew point of the air, measured in the vicinity of the surface. The moisture should be <85%. Assure a good ventilation with dry air in confined areas.
APPLICATION DATA	GlobalTemp GN002 High Temperature, is a single pack product. Only if necessary, for an application optimization adjustment, the product can be diluted until 5 % (v/v) with GN001TH.
MIX RATIO	NA
HARDENER	NA
POT LIFE	NA
THINNER	GN001TH
SOLVENT / CLEANER	GN001TH
DRY TIME	Surface Dry: 30 minutes (at 23°C (73°F)) and 50% relative humidity.
THEORETICAL COVERAGE	16.0 Sq.m/Lt (650 Sq.ft/US gal.) Dry: 20 microns (1 mils) • Wet: 61 microns (3 mils).
TYPICAL PAINT SYSTEM	• GlobalSyl GNZS01HB 1 x 75µm (DFT) • GlobalTemp GN002HT 1 x 33µm (DFT). This paint system is suitable for temperatures below 340°C (644°F). Please contact GlobalNavy for other applications.
STORAGE	2 years (storage on the original tightly closed containers in a dry, cool, well ventilated space, at temperatures between 5°C - 40°C).
PACKING	Single pack product available in 1 L and 5 L.
FURTHER INFORMATION	Conventional spray, is allowed with a much higher dilution ratio, so it only should be used on special applications. Brush and roller are used for small areas. Please contact our Global
HEALTH SAFETY	Please take the necessary measures in order to accomplish the national laws and regulations regarding the environmental, health and safety at work. Please observe the safety information displayed on the container. Please refer to the Safety Data Sheet for detailed information on the health, safety hazards and precautions for the use of this product.

The information on this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. This is not a specification and all information is given in good faith. Every values presented as Theoretical were calculated from the product formula, so can have deviation from laboratory measurements using standard methods that may be not applicable. However, since the product can be used under conditions beyond our control, the manner of use is the sole responsibility of the user. The product is intended for professional use only. Manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. This Technical Data Sheet content can be changed without notice.

Parque Industrial de Carrascas, Estrada Nacional 252, 2950-402 Palmela PORTUGAL
 ◆ Tel.:+351 265107979 ◆ www.globalnavy.net ◆ email: sales@globalnavy.net