

# GlobalThane GN208AM Polyurethane



PERFORMANCE IN COATINGS

## TECHNICAL DATA SHEET

### Polyurethane Anti Microbial Satin Varnish

<b>PRODUCT DESCRIPTION</b>	<ul style="list-style-type: none"><li>◆ GlobalThane GN208AMPV is an satin high performance polyurethane varnish.</li><li>◆ GlobalThane GN208AMPV is a special finish coating with antimicrobial properties.</li><li>◆ GlobalThane GN208AMPV can be applied on wood, flooring and in others substrates over a suitable primer.</li></ul>
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<b>PERFORMANCES</b>	<ul style="list-style-type: none"><li>• Effective on suppressing the growth of algae, mold, mildew, fungi and bacteria.</li><li>• Excellent aesthetic look.</li><li>• Excellent application properties.</li><li>• Good chemical resistance.</li><li>• Excellent abrasion resistance.</li><li>• Excellent flexibility.</li></ul>
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<b>RECOMMENDED USE</b>	FINISH OVER STEEL MARINE: Cabins, bathrooms, kitchens, etc.. PROTECTIVE: Interior of pipe lines, etc.. FINISH OVER CONCRETE FLOORING: Kitchens, toilets and bathrooms, hospital and clinic, etc.. FINISH OVER OTHER SUBSTRATES Recommended for application on Aluminium, Wood and Fibreglas, when properly primed.
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<b>APPROVALS</b>	Complies with EU Directive 2010/42/EC: subcategory j (VOC< 500 g/l).
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COMPONENT A	COMPONENT B	COLOURS
GN208AMPV	H200P	Clear

### Physical Properties

<b>GLOSS</b>	Satin.
<b>SOLIDS BY VOLUME</b>	50 ± 2,0 %
<b>VOC*</b>	Max. 470g/L.
<b>FLASH POINT</b>	>24°C (Setaflash).

<b>PERFORMANCE</b>	
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### Application

<b>SURFACE PREPARATION</b>	All the surfaces have to be clean, dry and without contamination. The surface should be evaluated and treated accordingly with ISO8504. Coated Surface: Clean, undamaged and dry compatible primer. Contact GlobalNavy office for more information. Other Surfaces: Check the suitability of GN208AMPV, apply a suitable primer following its Technical Data Sheet and then apply the GN208AMPV. Contact GlobalNavy office for further
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<b>ISSUED</b>	Edition 03 / Mod.10 - 21/05/2018
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	information.
<b>APPLICATION METHOD</b>	<p>SPRAY: Use air-less spray. Use na equipment with a 170-200 bar outlet pressure. A 0,012" - 0,017" tip is recommended. On conventional air spray equipment, it is advisable to use a pressure vessel adding the less possible thinner. 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 with dehumidified air.</p>
<b>APPLICATION CONDITIONS</b>	The substrate temperature should be minimum 10°C (32°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.
<b>APPLICATION DATA</b>	GlobalThane GN208AM Polyurethane Varnish, is a two pack product, so the base and hardener must be mixed on the right ratio. First, mix well component A during 1 minute. After that, add all the hardener and stir very well until it get homogeneous. If necessary, for na application optimization adjustment, the product can be diluted until 10 % (v/v) with GN010TH. Mix completely both quantities of component A and B packs. Low temperature cause higher pot life, and higher temperatures decrease mixture pot life.
<b>MIX RATIO</b>	2.3 / 1 (by Weight) 2 / 1 (by Volume)
<b>HARDENER</b>	H200P
<b>POT LIFE</b>	8 hours at 23°C (73°F).
<b>THINNER</b>	GlobalThin GN010TH.
<b>SOLVENT / CLEANER</b>	GN010TH
<b>DRY TIME</b>	Surface dry: approx. 5 hours (at 23°C (73°F) and 50% relative humidity). Overcoating: 16 hours at 23°C (73°F).
<b>THEORETICAL COVERAGE</b>	10,0 m2/Lt (407 Sq.ft/US gal) Dry: 50 µm ( 2 mils) • Wet: 100 µm (4mils).
<b>TYPICAL PAINT SYSTEM</b>	<ul style="list-style-type: none"> <li>• GlobalDur GN120ER 1 x 200g (DFT) • GlobalDur GN132EFSL 1 x 300g (DFT) • GlobalThane GN208AMPV 1 x 100g (WFT). This is a typical system for anti microbial flooring systems.</li> <li>• GlobalThane GN208AMPV 1 x 50µm (dft) as a sealer for epoxy mortars. Please contact GlobalNavy for other applications.</li> </ul>
<b>STORAGE</b>	4 years (storage on the original tightly closed containers in a dry, cool, well ventilated space, at temperatures between 5°C - 40°C).
<b>PACKING</b>	Two pack product, available in packs (A+B) 0.75 L, 5 L and 15 L.
<b>FURTHER INFORMATION</b>	For the safety of the applicator and the good performance, ventilation should be provided to all portions of the enclosed area. Dry air IS VERY IMPORTANT. Product CAN NOT be applied with humidity over 85%.
<b>HEALTH SAFETY</b>	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

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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](http://www.globalnavy.net) ◆ email: [sales@globalnavy.net](mailto:sales@globalnavy.net)