



## TECHNICAL DATA SHEET

### Polyurethane Gloss Varnish

<b>PRODUCT DESCRIPTION</b>	<ul style="list-style-type: none"> <li>◆ GlobalThane GN207PV is an high gloss performance polyurethane varnish.</li> <li>◆ GlobalThane GN207PV is design to have high abrasion and chemical resistance for flooring systems.</li> <li>◆ GlobalThane GN207PV can be applied on wood and in others substrates over a suitable primer.</li> </ul>
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<b>PERFORMANCES</b>	<ul style="list-style-type: none"> <li>• High gloss;</li> <li>• Gloss retention;</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>	<p>Interior and exterior flooring systems as a finish coat, where an excelent and a durable aesthetic effect is required.</p> <ul style="list-style-type: none"> <li>• Finish clear coat over 100% solids epoxy mortar flooring systems.</li> <li>• Finish clear coat on industrial flooring systems on forklifters charging spots.</li> <li>• Wood protection in house and marine environments.</li> </ul>
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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
GN207PV	H200P	Clear

### Physical Properties

<b>GLOSS</b>	Glossy.
<b>SOLIDS BY VOLUME</b>	45± 2 %.
<b>VOC*</b>	< 500g/L.
<b>FLASH POINT</b>	> 47°C (> 117°F) Setaf flash

### PERFORMANCE

### Application

<b>SURFACE PREPARATION</b>	<p>All the surfaces have to be clean, dry and without contamination. The surface should be evaluated and treated accordingly with ISO8504.</p> <p>Coated Surface: Clean, undamaged and dry compatible primer. Contact GlobalNavy office for more information.</p> <p>Other Surfaces: Check the suitability of GN207PV, apply a suitable primer following its Technical Data Sheet and then apply the GN216PF. Contact GlobalNavy office for further information.</p>
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<b>APPLICATION METHOD</b>	SPRAY: Use air less spray. Use an equipment with a 120-1560 bar outlet pressure. A 0,012" -
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<b>ISSUED</b>	Edition 03 / Mod.10 - 21/05/2018
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# GlobalThane GN207 Polyurethane Varnish



PERFORMANCE IN COATINGS

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 specified DFT. When applying on enclosed areas ensure a good ventilation with dehumidified air.

<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 GN207 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 an 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 / 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: 45 µm ( 2 mils) • Wet: 100 µm (4mils).
<b>TYPICAL PAINT SYSTEM</b>	• GlobalDur GN120ER 1 x 200g (DFT) • GlobalDur GN132EFSL 1 x 300g (DFT) • GlobalThane GN207PV 1 x 100g (WFT). This is a typical system for flooring systems. Please contact GlobalNavy for other applications.
<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 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.

# **GlobalThane GN207 Polyurethane Varnish**



PERFORMANCE IN COATINGS

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