

Hempel's Antifouling Globic 9000

Product description

Globic 9000 is a premium hydrolyzing nano acrylate antifouling for up to 90-month service intervals. Designed to meet the highest expectations for premium performance and return on investment with fuel savings averaging 4.1 percent and high volume solids of 58 percent.

It uses nano acrylate technology (NAT) for highly controlled self-polishing. Globic 9000 is a low friction antifouling coating with extraordinary mechanical strength thanks to Hempel's patented microfiber technology and best-in-class biocides. It offers high fuel savings through outstanding performance for both high speed and slow steaming.



Product highlights

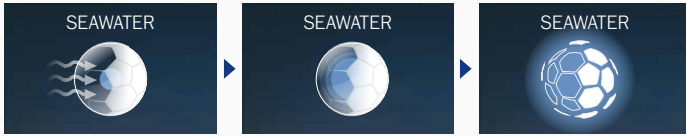
- ✓ Low activity level
- ✓ Flexible trading pattern
- ✓ Instant effect on contact with water
- ✓ High activity level
- ✓ Recommended for slow steaming
- ✓ Microfiber-based for superior mechanical strength
- ✓ Easy overcoating
- ✓ Recommended for tropical waters
- ✓ Application in warm environment
- ✓ Can be applied below 32°F/0°C
- ✓ Low friction technologies
- ✓ Full return on investment
- ✓ Performance guarantee
- ✓ Docking interval up to 90 months

Physical constants	
Shade nos/colors:	Red/51110*
Volume solids, %:	58 ± 1
Theoretical spreading rate:	232.6 sq.ft./US gallon (5.8 m ² /liter) 4 mils/100 micron
Flash point:	77 °F/25 °C
Specific gravity:	16.1 lbs/US gallon (1.9 kg/liter)
Surface dry:	15 minute(s) 68 °F/20 °C
Through dry:	2.5 hour(s) 68 °F/20 °C
VOC content:	3.1 lbs/US gallon (369 g/liter)

*other shades according to assortment list.

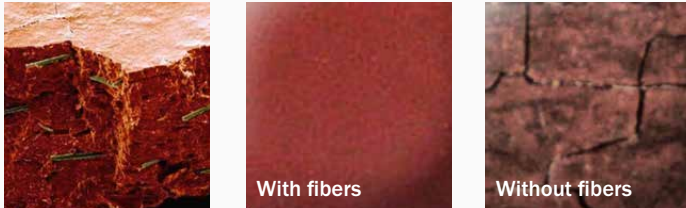
How it works

Hempel's Nano Acrylate Technology



Nano acrylate technology allows seawater ions to penetrate the hydrophobic shell and hydrolyze the hydrophilic core. The core swells until the shell fractures, exposing the hydrolyzed core polymer, which is then solubilized to enable polishing through slow, controlled and predictable diffusion.

Hempel's Microfiber Technology



The microfibers run close to the surface to ensure best-in-class mechanical strength.

Coating condition after exposure to a cyclic blister box test: No failures were observed on the panel reinforced with microfibers. The coating without microfibers showed severe cracking.

Typical specification

Typical paint system:

1 x Hempadur Quattro XO 17820	6 mils/150 microns
1 X Hempadur 47183	5 mils/125 microns
1 x Hempel's Antifouling Globic 9000	6 mils/150 microns



Hempel North America Corporate Office
600 Conroe Park North Dr., Conroe, TX 77303
Tel: +1 (936) 523-6000 Email: hempel.us@hempel.com **hempel.us**