

(Hi Build Epx)Guard

Code: 7464

Product description.

Navimare Guard is a high solids epoxy with a good chemical resistance. When applied it is odourless, which makes it an ideal product for use in confined spaces such as bilges, tanks and other interior areas.

Technical properties.

Colour/Texture	White/ Glossy
Volume Solids	98%
Specific gravity	1.36 gr/ml
Volatile organic compounds	23 gr/liter
Flashpoint	>25°C

Surface Preparation

GRP – Ensure surface is dry and free from traces of wax, lubricants and other contaminants. Treat if required with Navimare Gelclean and wash with fresh water.

Metals - Apply one Navimare Epoxy Primer.

Wood – Apply on Navimare Wood Sealer.

Usage instructions

Substrate should be dry and free from contaminations.

Relative Humidity should be less than 90 %RH.

The temperature of the substrate should be at least 3°C above the dew point of the air. Air temperatures and relative humidity must be measured in the vicinity of the substrate.

Mix pack A and pack B well, preferably by means of a mechanical stirrer. Do not mix more paint than can be used in 1 hour.

When applied by brush or roller, apply in smooth and gentle strokes. Apply crosswise to ensure an even distribution of the paint.

When applied by airless observe spraying recommendations mentioned on the next page.

Avoid excessive application as it will result in sagging and a poor appearance.

Apply 2 coats to a total system thickness of 300 microns minimum.

Whether applying by brush, roller or spray, wear protective clothing, goggles and gloves. Refrain from smoking at all times. For further information refer to label instruction or safety data sheet please.

Application data.

Mixing ratio by weight	Base to hardener: 2 to 1
Mixing ratio by volume	Base to hardener: 3 to 2
Potlife	1 hours at 23° C
Dry film thickness per coat	150 micron
Wet film thickness per coat	300 micron
Theoretical Coverage	6,5 sq.m/liter
Thinner	Navimare Thinner 76.03
Surface Temperature	Minimum 5°C Maximum 40°C

Spray equipment data.

	Conventional spray	Airless spray
Nozzle orifice	Not advised	0.41 – 0.58 mm
Air pressure		180 – 250 bar
Volume of thinner		0 – 3 %
Practical Spreading rate (m ² /l)		4.6

Drying and recoating times.

Substrate temperature	Dry to recoat	Fully cured	Maximum recoating (1)
10 °C	24 hours	10 days	Indefinite
23 °C	16 hours	7 days	Indefinite
30 °C	12 hours	4 days	Indefinite

(1) The surface should be dry and free from salts and other contaminants prior to overcoating. The best intercoat adhesion is achieved when the subsequent coat is applied before the preceding coat is fully cured. After prolonged exposure times it may be necessary to roughen the surface in order to ensure intercoat adhesion. When in doubt, consult your nearest Navimare office.

Health and safety.

Observe the precautionary notices on the label of the container. A material safety data sheet is available upon request and national or local safety regulations should be followed. As a general rule, avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spillage on the skin should immediately be removed by thorough washing with lukewarm water and soap or a suitable industrial cleaner. Eyes should be flushed with fresh water and medical attention sought immediately.

Spraying should be carried out under well-ventilated conditions. Avoid inhalation of solvent vapours and paint mist by wearing an air mask.

This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

Disclaimer

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factors affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product without notice.

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