

Gelshield 200

Osmosis

Epoxy Primer for Osmosis Protection



PRODUCT DESCRIPTION

Quick drying, easy to apply, epoxy primer for protection of GRP against osmosis.

- * Provides protection against osmosis in five coats (250 µm)
- * Useable down to 5°C
- * Fast drying allows multiple coat application in a single day

PRODUCT INFORMATION

Colour	YPA212-Green , YPA213-Grey
Finish	Matt
Specific Gravity	1.4
Volume Solids	45%
Mix Ratio	3:1 by volume (as supplied)
Converter/Curing Agent	YPA214
Typical Shelf Life	2 yrs
VOC (As Supplied)	464 g/lit
Unit Size	750 ml, 2.5 lt

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	4 hrs	2 hrs	1 hrs	30 mins
Immersion	24 hrs	18 hrs	12 hrs	8 hrs
Pot Life	10 hrs	5 hrs	3 hrs	2 hrs

Overcoated By	Overcoating Substrate Temperature							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Gelshield 200	10 hrs	6 mths	5 hrs	6 mths	3 hrs	6 mths	2 hrs	6 mths
Micron Extra EU	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Micron WA	10 hrs	1 mths	5 hrs	1 mths	3 hrs	1 mths	1 hrs	1 mths

Note: For all other International antifoulings such as Cruiser Uno EU, Boatguard EU, Ultra EU, Cruiser Polishing Antifouling, Cruiser Premium Plus, Micron Superior, Navigator and Trilux Hard Antifouling, use the Micron Extra EU overcoating times. If maximum overcoating time is exceeded, sand with 180-220 grade wet or dry paper.

APPLICATION AND USE

Preparation	BARE GRP Wash down with Super Cleaner, rinse with fresh water and allow to dry. Sand with 180 grade (grit) paper. PREVIOUSLY ANTIFOULED SURFACE Remove using Interstrip. Wash down with Super Cleaner, rinse with fresh water and allow to dry. Sand with 180 grade (grit) paper. EXPOSED LAMINATE Patch prime using Gelshield solventless epoxy.
Method	Remove any dust from the surface. Apply required number of coats, detailed in the specification sheets (minimum 250 microns DFT). For ease, alternate the grey and green colours starting and ending with grey. BILGES: Apply 2 coats only provided there is a gelcoat on the inside of the hull. If no gelcoat, use Gelshield solventless epoxy.
Hints	Mixing Stir or shake individual components thoroughly. Add Curing Agent to the Base, stir and leave for 10 minutes to allow bubbles to disperse. Thinner YTA061 Thinners No.7 Other Can be used down to 5°C but for maximum performance, temperature should be above 10°C.
Some Important Points	New hulls must be post-cured for a min. period of 4 weeks before applying Gelshield 200. Do not apply direct to the exposed laminate. Do not use below 5°C. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Product temperature should be minimum 10°C and maximum 35°C. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F.
Compatibility/Substrates	GRP Gelcoats & cured laminate. It should not be used over any one pack products.
Number of Coats	5 minimum by brush (min. 250 µm DFT)
Coverage	(Theoretical) - 9.1 m ² /lt by brush

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	(Practical) - 8.1 m ² /lt by brush
Recommended DFT per coat	50 microns dry by brush
Recommended WFT per coat	111 microns wet by brush
Application Methods	Brush, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Gelshield 200 to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

TRANSPORTATION:

Gelshield 200 should be kept in securely closed containers during transport and storage.

Safety

GENERAL:

Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

DISPOSAL:

Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.

Remainders of Gelshield 200 cannot be disposed of through the municipal waste route or dumped without permit.

Disposal of remainders must be arranged for in consultation with the authorities.

IMPORTANT NOTES

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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