Gelshield 200

Primers

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

YPA212-Green, YPA213-Grey Colour

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 a/lt **Unit Size** 750 ml 2.5 Lt

DRYING	G/OVERCOA	TING INFO	RMATION

STATE OF THE STATE								
	Drying							
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)				
T	4.1		4.1					
Touch Dry [ISO]	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				

Overcoating

Substrate Temperature

	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Overcoated By	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	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Navigator	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Veridian Tie Coat	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
	Note: If maximun	n overcoating time	is exceeded, sa	and with 180-220 g	rade wet or dry p	aper.		

APPLICATION AND USE

Hints

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

Mixing Stir or shake individual components thoroughly. Add Curing Agent to the Base, stir and leave for 10 minutes to

provided there is a gelcoat on the inside of the hull. If no gelcoat, use Gelshield solventless epoxy.

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

Please refer to your local representative or visit www.yachtpaint.com for further information.

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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 m²/lt by brush

(Practical) - 8.1 m²/lt by brush

Recommended DFT 50 microns dry by brush
Recommended WFT 110 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/40°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 NOTESThe 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 or 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.