

# Gelshield 200 (Professional)

## 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

\* 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)	458 g/lt
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
Boatguard EU	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Gelshield 200 (Professional)	10 hrs	6 mths	5 hrs	6 mths	3 hrs	6 mths	2 hrs	6 mths
Interprotect (Professional)	10 hrs	6 mths	5 hrs	6 mths	3 hrs	6 mths	2 hrs	6 mths
Intersleek Pro Tie Coat	-	-	5 hrs	20 hrs	3 hrs	16 hrs	2 hrs	10 hrs
Interspeed Ultra 2	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Micron 77	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Micron 99	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Micron Extra 2	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Micron Extra EU	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Trilux 33	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Ultra EU	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Uni-Pro EU	24 hrs	48 hrs	10 hrs	20 hrs	6 hrs	16 hrs	4 hrs	10 hrs

**Note:** 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, by spray, allowing required overcoating interval between applications. 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.

Please refer to your local representative or visit [www.yachtpaint.com](http://www.yachtpaint.com) for further information.

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**Thinner** YTA061 Thinners No.7 GTA220

**Cleaner** Use GTA822 for equipment cleaning.

**Airless Spray** Pressure: 165 bar Tip Size: 1880-2680.

**Conventional Spray** Pressure: <2 bar (Pot)/3-4 bar (Atomising). Tip Size: 1.8 mm.

**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 (Professional) . 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/50°F and maximum 35°C/95°F. 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

2-3 minimum by spray.

5 minimum by brush or roller (min. 250 µm DFT).

#### Coverage

(Theoretical) - 3.33 m<sup>2</sup>/lt by spray

(Practical) - 2.6 m<sup>2</sup>/lt by spray

#### Recommended DFT per coat

135 microns dry by spray

#### Recommended WFT per coat

300 microns wet by spray

#### Application Methods

Airless Spray, Conventional Spray (Pressure Pot) , 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 (Professional) 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 (Professional) 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 (Professional) 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.*