

Antipest Primer

Product description

This is a two component epoxy primer. Pigmented with a high content of aluminium flakes giving very good waterproof protection. Can be used as primer as a part of a complete system in atmospheric and immersed environments. Suitable for properly prepared carbon steel, aluminium, composite and coated surfaces as epoxy and polyurethane systems.

Typical use

Designed to prevent osmosis in fibreglass boats. It provides a good anti-corrosive effect. Exterior and interior areas, including hulls, above and below waterline, superstructures and decks. This product is for professional use only.

Colours

grey, aluminium red toned

Product data

| Property | Test/Standard | Description |
|------------------|--------------------------------|-------------|
| Solids by volume | ISO 3233 | 42 ± 2 % |
| Flash point | ISO 3679 Method 1 | 25 °C |
| Density | calculated | 1.3 kg/l |
| VOC-EU | IED (2010/75/EU) (theoretical) | 527 g/l |

The provided data is typical for factory produced products, subject to slight variation depending on colour. All data is valid for mixed paint.

Film thickness per coat

Typical recommended specification range

| | | |
|----------------------------|-----------|-------------------|
| Dry film thickness | 60 - 100 | µm |
| Wet film thickness | 140 - 240 | µm |
| Theoretical spreading rate | 7 - 4.2 | m ² /l |

Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination.

Surface preparation summary table

| Substrate | Surface preparation | |
|-----------------|--|--|
| | Minimum | Recommended |
| Carbon steel | St 3 (ISO 8501-1) | Sa 2½ (ISO 8501-1) |
| Aluminium | The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface. | Abrasive blast cleaning to achieve a surface profile using non-metallic abrasive media which is suitable to achieve a sharp and angular surface profile. |
| Composite | Polyester and Epoxy based composites must be fully cured before initiating the surface preparation. The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads with grit P100-P160 to impart a scratch pattern to the surface. | Polyester and Epoxy based composites must be fully cured before initiating the surface preparation. The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads with grit P100-P160 to impart a scratch pattern to the surface. |
| Coated surfaces | Clean, dry and undamaged compatible coating | Clean, dry and undamaged compatible coating |

Application

Application methods

The product can be applied by

- Spray: Use air spray or airless spray.
- Brush: Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.
- Roller: May be used for small areas. Not recommended for first primer coat. Care must be taken to achieve the specified dry film thickness.

Product mixing ratio (by volume)

| | |
|------------------------|-----------|
| Antipest Primer Comp A | 4 part(s) |
| Antipest Primer Comp B | 1 part(s) |

Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 17 / Thinner No. 17

Guiding data for airless spray

Nozzle tip (inch/1000): 15-21
Pressure at nozzle (minimum): 150 bar / 2100 psi

Guiding data for air spray

Air assisted Spray Equipment:
Pump: Pressure pot
Pressure at nozzle (minimum): 3.5 bar
Nozzle tip: 1.4-1.6 mm

Distance from air compressor to filters is to be at least 10 m. **The product must be sprayed by professionals only.**

Drying and Curing time

| Substrate temperature | 10 °C | 23 °C | 40 °C |
|---------------------------|-------|-------|-------|
| Surface (touch) dry | 3 h | 2 h | 1 h |
| Walk-on-dry | 5 h | 3 h | 2 h |
| Dry to over coat, minimum | 12 h | 4 h | 3 h |
| Dried/cured for service | 12 d | 7 d | 5 d |

The surface must be sanded to achieve maximum adhesion if the application is done after recommended recoating time.

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

Dry to over coat, minimum: The recommended shortest time before the next coat can be applied.

Dried/cured for service: Minimum time before the coating can be permanently exposed to the intended environment/medium.

Induction time and Pot life

| Paint temperature | 23 °C |
|-------------------|--------|
| Induction time | 15 min |
| Pot life | 8 h |

Reduced at higher temperatures

Product compatibility

Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product. Some examples are shown below. Contact Jotun for specific system recommendation.

Previous coat: epoxy, epoxy mastic
Subsequent coat: epoxy, vinyl, selfpolishing and hard antifoulings

Packaging (typical)

| | Volume (litres) | Size of containers (litres) |
|------------------------|--------------------|--------------------------------|
| Antipest Primer Comp A | 0.8 / 2 | 1 / 3 |
| Antipest Primer Comp B | 0.2 / 0.5 | 0.375 / 1 |

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23 °C

| | |
|------------------------|-------------|
| Antipest Primer Comp A | 48 month(s) |
| Antipest Primer Comp B | 48 month(s) |

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Disposal of waste

N/A

Caution

The product is suitable for both professional and consumer application. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Colour variation

When applicable, products primarily meant for use as primers or antifoulings may have slight colour variations from batch to batch. Such products and epoxy based products used as a finish coat may chalk when exposed to sunlight and weathering.

Colour and gloss retention on topcoats/finish coats may vary depending on type of colour, exposure environment such as temperature, UV intensity etc., application quality and generic type of paint. Contact your local Jotun office for further information.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.