

Imperite 300 Low Temp Additive

Product description

This is an accelerator for use in polyurethane coatings. To be used for improved low temperature curing.

Typical use

Recommended when a faster curing or painting at lower substrate temperatures is desired.

Product data

Property	Test/Standard	Description
Flash point	ISO 3679 Method 1	3 °C
VOC-EU	IED (2010/75/EU) (calculated)	811 g/l

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

Additional information

The product is added to increase the rate of hardening of isocyanate cured coatings. Typically it is added during periods of low temperature just prior to use. However, it may be added to the resin component (generally Component A) separately and will not affect the shelf life of the material. Imperite 300 Low Temp Additive will adversely affect the shelf stability of Component B.

It will also reduce the pot life of the product when mixed. Material which has been modified with Imperite 300 Low Temp Additive should be clearly identified.

The effect of Imperite 300 Low Temp Additive is related to the dosage rate and resin/solids content but a suitable working guide is:

- 0.5% v/v (ie 5 ml per mixed litre)

This will halve the cure time of the material for the relevant temperature.

0.5% (5 ml per mixed litre) will also yield one third of the POT LIFE at the relevant temperature.

(For products where the pot life is sufficiently long up to 1% (10 ml per mixed litre) of Imperite 300 Low Temp Additive may be used).

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Imperite 300 Low Temp Additive	1	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

Imperite 300 Low Temp Additive 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.

Caution

This product is for professional use only. 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 may fade and chalk when exposed to sunlight and weathering.

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.