

Hardtop Peelable TU

Product description

This is a one component, waterborne physically drying coating for temporary protection against a wide range of contaminants and light mechanical wear. It has a matt finish. It has good welding spatter resistance and good flame spread resistance. Dries down to 5 °C. Suitable for coated substrates. It has excellent peel-off properties after a period of outdoor exposure. It is specially designed for touch-up applications.

Typical use

This product is designed to give temporary protection of the final coating in a system against contamination such as dust, oil, grease, fly rust and coating application overspray.

Other variants available

Hardtop Peelable

Refer to separate TDS for each variant.

Colours

pink

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	44 ± 2 %
Gloss level (GU 60 °)	ISO 2813	matt (0-35)
Density	calculated	1.1 kg/l

Region	Regulation	Test Standard	VOC Value
US	CARB(SCM)2020 / SCAQMD rule 1113	Calculated	52 g/l
Hong Kong	Air Pollution Control (VOC) Regulation	Calculated	52 g/l
EU	European Paint Directive 2004/42/CE	Calculated	23 g/l
EU IED	Industrial Emission Directive 2010/75/EU	Calculated	23 g/l
Korea	Korea Clean Air Conservation Act	KS M ISO 11890-1	12 g/l
China	GB 30981-2020 Limit of harmful substances of industrial protective coatings	GB/T 23986-2009 10.4	18 g/l

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

Gloss description: According to Jotun Performance Coatings' definition.

Film thickness per coat

Typical recommended specification range

Dry film thickness	125 - 250	µm
Wet film thickness	285 - 570	µm
Theoretical spreading rate	3.5 - 1.8	m ² /l

Peeling-off performance may be affected when lower DFT range than specified is applied. Keeping the recommended DFT range is essential.

Surface preparation

For best result, the substrate should be clean, dry and free from adhering contamination.

It is strongly recommended that a small test patch is carried out on a representative area prior to full project application. This is to ensure compatibility with the underlying substrate in terms of peeling, in-service suitability and level of temporary protection required.

Coated surfaces

It is important that finishes to be over coated have undergone sufficient cure to ensure important properties such as gloss and colour. This is particularly important for durable cosmetic finishes and ensures that they are not affected by the application of Hardtop Peelable.

For further advice please contact your local Jotun office.

Application

Application methods

The product can be applied by

Brush: Recommended for coating of small areas. Care must be taken to achieve the specified dry film thickness.

Roller: Recommended for roller, care must be taken to achieve the specified dry film thickness.

For spray application use Hardtop Peelable.

Product mixing

Single pack

Thinner/Cleaning solvent

Do not add thinner.

Cleaning solvent: Water

Drying and Curing time

Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	30 min	30 min	25 min	10 min
Walk-on-dry	100 min	80 min	60 min	30 min
Dry to over coat, minimum	*	*	*	*
Dry to over coat, maximum, atmospheric	extended	extended	extended	extended

For minimum and maximum overcoating intervals, refer to the Application Guide (AG) for this product.

* Dry to over coat, minimum, atmospheric - Refer to the Application Guide (AG) for additional information.

This product shall only be applied on top of completed coating systems.

Fresh coating should not be exposed to rain or water until 24 hours after application.

Drying time is dependent on degree of ventilation. Lower ventilation gives longer drying time.

Minimum peel time: 23 °C: 1 h

This is the shortest time before the coating can be peeled off by hand, in large sheets.

The maximum time before peeling off is dependent on the actual film thickness, the exposure condition and the exposure time. It is required to apply test areas for periodic check of ease of peeling.

Drying and curing times are determined under controlled temperatures and relative humidity below 75 %, and at average of the DFT range for the product.

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.

Dry to over coat, maximum, atmospheric: The longest time allowed before the next coat can be applied.

Heat resistance

	Temperature	
	Continuous	Peak
Dry, atmospheric	60 °C	-

The dry coating film will be gradually softer as temperature increases. Correct procedures for handling and stacking must be established, depending on environmental conditions. Protective properties will not be influenced.

Product compatibility

This product shall only be applied on top of completed coating systems.

Previous coat:

- Jotacote Universal N10
- Penguard Universal
- Penguard HB II
- Jotacote F60
- Epoxy HR
- Jotatemp 250
- Jotaprime 500
- Penguard FC
- Jotamastic 90

- Hardtop AX
- Hardtop WT8
- Hardtop AX K
- Hardtop AX K II
- Megagloss AC
- Megagloss HG

For application of Hardtop Peelable or Hardtop Peelable TU on top of other products than mentioned above, please consult your local Jotun office.

Subsequent coat: itself and Hardtop Peelable

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Hardtop Peelable TU	5	5

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, shaded, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Store at above 5°C to prevent freezing during storage.

Shelf life at 23 °C

Hardtop Peelable TU

12 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 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.