

# Yakthn® Peelable

## Product description

Waterborne Acrylic Peelable Coating. This product is designed to give temporary protection of **smooth** substrates and conventional coatings to against contamination such as dust, oil, grease, fly rust and paint dust before or after application.

## Principal characteristics

- Peelable 301 has easy removal property (“peel off”), and there is no damage to surface and no residue left on the smooth substrate
- Designed for various smooth substrates, such as smooth stainless, plastic, fiberglass and painted surfaces
- Coatings offer temporary protection of the substrate to avoid dust, oil, grease, fly rust and paint dust etc.
- Green product with low VOC content
- Easy to apply

## Intended Uses

- Marine and Protective: Various substrates and equipments need to temporary protection to avoid a wide range of contaminants

## Product Data

Colour	White or other light colours
Gloss (GU 60 °)	Semi-gloss
Volume Solids	45±2%
Typical Thickness	>100 um
Theoretical Coverage	4.5 m <sup>2</sup> /l
Flash Point	Non-flammable
Mass density	1.05±0.02 Kg/l
VOC- China	5g/l
Mix Ratio	Single Pack
Heat Resistance	Dry, atmospheric 60°C (Continuous)
Method of Application	Spray, brush(Just for small area touch-up)
Pack Size	5 L or 20 L
Shelf life	12 months when stored cool and dry, recommended temp. 5-40°C

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

### Surface Preparation

Substrate	Recommended
Aluminum	Smooth surface, free from oil, grease, dust and adhering contamination.
Stainless steel	For coated surface, no surface contaminations, cured coating has good adhesion and excellent solvent resistance is necessary.
Coated surfaces	

Optimum performance, including adhesion, corrosion protection, heat resistance and chemical resistance is achieved with recommended surface preparation.

### Application

- Mix Ratio: Single Pack
- Thinner: Water
- Airless Spray: Nozzle tip (inch/1000): 17-21, Nozzle pressure: 15Mpa-20Mpa
- Drying time

Lab test data at 100um DFT. Drying and curing times are determined under controlled temperatures and relative humidity below 75 %, and at average of the DFT range for the product.

Temperature	Touch Drying	Hard Drying	Dry to peel Min.
40°C	2 h	24 h	24 h
30°C	3 h	24 h	24 h
20°C	4 h	24 h	24 h
10°C	8 h	24 h	36 h
5°C	24 h	48 h	48 h

\* 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.

- Induction time: N/A
- Pot life: N/A

### System Compatibility

- Previous coat: conventional coating layers – Cured, good adhesion and excellent solvent resistance is necessary
- Subsequent coat: self

### 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 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 Yakthn representative for approval before commencing the work.

#### **Disclaimer**

The information provided in this manual is not exhaustive and is based solely on the knowledge we have gained in our laboratories and practice. Anyone who, for any purpose, uses any product other than those specifically recommended in this Manual without first confirming it in writing to us, at their own risk, the suitability of the product for its intended purpose. While all suggestions or statements made about the product (whether provided in this specification or otherwise) are correct in our best knowledge, we have no control over the quality or condition of the substrate or the factors that affect the use and application of the product. Therefore, unless we specifically agree in writing to this practice, we are not responsible for any product performance issues arising or for any loss or damage caused using the product (to the maximum extent permitted by law). We hereby undertake no warranty, express or implied, by legal operation or other means, including, but not limited to, implied marketable security or security of applicability for a particular purpose. All products supplied and technical guidance provided are governed by our standard terms and conditions of sale. You should obtain a copy of this document upon request and read it carefully. The information contained in this product specification will be modified at any time in accordance with experience and our policies, and we reserve no further notice to modify the instructions book right. It is the customer's responsibility to check with your local representative that the latest version of the product description is in your possession before using the product. This product specification is available at [www.Yakthn.com](http://www.Yakthn.com). If the online version does not match this one, please take the online version.

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