



## BONDEX Long Life UV

Product Code	450038
Product Name	BONDEX Long Life UV
Recommended for	All outdoor wooden surfaces and wood species.
Available sizes	0.75 L - 2.50 L - 5.00 L

## 1 Product Description

1.1	Product Type:	Water based, translucent wood finish, based on new acrylic technology.
1.2	Manufacturer:	Dyrup A/S - Gladsaxevej 300 - 2860 Søborg - Denmark - Phone: +45 39 57 93 00 - www.dyrup.com
1.3	Where to use:	On all outdoor wooden substrates/species in system with a primer. Not recommended for horizontal surfaces such as e.g. terraces, bannisters etc.
1.4	Special Qualities:	Protects the wood against UV-light. Protects surface film against fungi and mould. The water repellent nature of the film protects against rain/moisture, still enabling the wood to breathe. Therefore the topcoat is suitable for wooden constructions, where dimension stability is important. Durability: 2-5 years may be expected, provided the correct layer thickness is applied. Durability also depends on construction and climatic conditions as well as following the application-, maintenance-, and renovation instructions.
1.5	Colour Range:	Colourless - semi gloss.
1.6	Form Supplied:	Ready to use.

## 2 Composition

2.1	Binder:	Acrylic.
2.2	Solvents:	Water.
2.3	VOC-content:	EU limit value for this product (cat. A/e): 130 g/l (2010). This product contains max. 10 g/l VOC.
2.4	Pigments:	No pigments.
2.5	Active ingredients:	IPBC + Terbutrin.



2.6 Additives: Organic UV-absorbers.

## 3 Technical Data

3.1	Specific gravity:	1.0 - 1.1 kg/l.
3.2	Viscosity:	Non-drip.
3.3	Flash point:	n/a
3.4	Gloss:	Semi gloss. 40-50 at a 60° angle.
3.5	Solid content:	App. 34,5 W/W% / 32,3 v/v%.
3.6	Odour:	Weak.
3.7	Coverage	App. 13 m <sup>2</sup> /l, depending on the type of wood and the state of substrate. Apply minimum 70 microns (3 coats).
3.8	Drying time:	<i>Dust dry</i> : app. ½ hour. <i>Recoatable</i> : App. 4 hours. <i>Through dry</i> : App. 48 hours. Measured at 23 °C and standard humidity of 60%. On some tropical wood species certain wood extractives can prolong the drying time. Therefore we recommend that you test the drying on a small area and/or wash with cellulose thinner before treatment.
3.9	Weather resistance:	Water repellent. UV-resistant.
3.10	Fungicide:	Yes. Protects against mould and algae.
3.11	Thinning:	Do not thin.
3.12	Storage:	Store frost free.
3.13	Shelf life:	3 years in unopened container. Limited shelf life after opening.

## 4 Surface and preparation

4.1	In general:	Use primarily on fresh and non weathered pine and spruce. May also be used on other wood species such as new and non weathered larch, teak, mahogany, cedar and oak. In order to get the full benefit of the colourless topcoat, it is important that our recommendations for maintenance and renovation are followed. Since the BONDIX Long Life UV does not contain any pigments, it is important to observe that it will not hide any existing or future visible damage or discoloration. The colourless systems will slow down the process of the natural yellowing of the wood, but some change in the colour of the wood may occur over time.
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- 4.2 Substrate: The surface must be clean, dry and solid.
- 4.3 Humidity / Moisture content: Do not use at temperatures below 5 C and/or above 80% relative humidity, based on a daily average.

## 5 Treatment

- 5.1 Application method: Apply by brush.
- 5.2 Pre-treatment: *Previously treated surfaces*: sand down to fresh wood. Renovate with the system of 1 coat of primer + 3 coats of BONDIX Long Life UV (mimimum dry film thickness of 70 microns).
- 5.3 Treatment: Apply 1 coat of BONDIX Preserve/Bondex Long Life Wood Preservative and 3 coats of BONDIX Long Life UV to obtain minimum dry film thickness of 70 microns.
- 5.4 Renovation of previously treated wood: Previously treated surfaces must be taken back down to bare wood by planing or sanding. Algae, grease and dirt must be removed. Maintenance: The treated wood must be inspected at least once a year. All damages must be renovated immediately up to full system. In general the surface should be kept clean. Every 2<sup>nd</sup> year we recommend (after repair of damages) that you apply one coat of BONDIX Long Life UV in order to prolong the durability and prevent future damage. Total renovation: If total renovation is required, we do not recommend that the colourless system be used again. In stead a coloured, translucent wood stain or opaque wood stain should be applied.
- 5.5 Cleaning of tools Clean tools immediately with soap and water.

## 6 Safety precautions

- 6.1 In general Common safety rules for work with paints and varnishes must be observed. Further information is available from our Material Safety Data Sheet.
- 6.2 Safety instructions.
  - Contains hydroxyphenylbenzotriazol-derivates, bis (1,2,2,6,6,-pentamethyl-4-piperidyl)-sebacate and methyl-(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate
  - May cause an allergic reaction
  - Harmful to aquatic organisms
  - May cause long term adverse effects in the aquatic environment
  - Do not empty into drains
  - Avoid release to the environment
  - Refer to special instructions / safety data sheet



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## 7 Disposal

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- 7.1 Disposal: Do not empty into drains or into the environment. Product waste must not be poured into the sewers, water reserves or soil. Left over product should be handed in at your local waste disposal. Empty can may be recycled (check with your local waste disposal site or your local authorities).

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The purpose of this Technical Data Sheet is to provide our clients with information about the properties and characteristics of the product. The information provided is based on tests conducted by us under usage conditions that comply with the prevailing standards. Our recommendations for use are for information only, and in no event shall they take precedence over any specific recommendation taking into account the nature and conditions of a particular site, nor shall they engage DYRUP's liability. before all applications of the product, clients should check that this document has not been amended by a more recent version, which takes into account new technical data. This version annuls and replaces all previous versions of Technical Data Sheets relating to this product.

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