



BONDEX Wood Protection Extra

Product Code	10140DSC32X32
Product Name	BONDEX Extra
Recommended for	All exterior wood

1 Product Description

1.1	Product type:	Waterborne, translucent, alkyd modified wood protection.
1.2	Manufacturer:	Dyrup A/S - Gladsaxevej 300 - 2860 Søborg - Denmark Phone: +45 39 57 93 00 - www.bondexwood.com
1.3	Where to use:	On all outdoor wooden substrates and species in system with a wood preservative product. Not recommended for horizontal surfaces e.g. terraces, bannisters etc.
1.4	Special qualities:	Alkyd modified wood protection. Enhances the structure of the wood. Gives the wood a decorative and weather resistant surface. Easy to apply. Protects against the sun's UV-rays and prevents surface attacks from blue stain and mould.
1.6	Form supplied:	Ready to use.

2 Composition

2.1	Active ingredients:	0.3% iodio-2-propynyl butylcarbamate.
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. 30 g/l VOC:
2.4	Pigments:	Organic and inorganic pigments.

3 Technical Data

3.1	Specific gravity:	Ca. 1.01 - 1.1 g/ml.
3.2	Viscosity:	12 sec. (DIN cup 4 mm/20°C).
3.3	Flash point:	> 100°C, Pensky Martens.
3.4	Solid content:	App. 17-20 w/w% / 16.1 v/v% - depending on colour solid content.
3.5	Odour:	Weak.

3.6	Coverage	10-13 m ² /l, depending on the wood species and the state of substrate.
3.7	Drying time:	Touch dry: App. 1 hour. Recoatable: App. 4 hours. Through dry: App. 24 hours. Measured at 23°C and standard humidity of 60%. On some tropical wood species, certain wood extractives can prolong the drying time. We recommend that you test the drying on a small area and/or wash with cellulose thinner before treatment.
3.8	Thinning:	Do not thin.
3.9	Storage:	Store and transport frost free in cool and dry environment out of direct sunlight.
3.10	Shelf life:	3 years in unopened container.

4 Surface and preparation

4.1	In general:	Stir the product well before use. Mix different production numbers in order to avoid difference in gloss and nuance. Dark nuances may contain surplus pigment, which may rub off. Read label and instruction before using the product. Only use the colour clear as final coat on surfaces treated with a colour. When using translucent colours, you can mix clear with pigmented 1:1, so the wood will not turn darker.
4.2	Surface:	The surface must be clean, dry and solid.
4.3	Humidity / Moisture content:	The surface must be clean, dry and solid. At the time of treatment, the humidity in windows should be max. 12 + 3% and in ventilated, outdoor cladding max. 15 + 3%.

5 Treatment

5.1	Application method:	Brush. Do not apply in direct sunlight. During application and drying the temperature must be above 5°C and the relative humidity below 80%.
5.2	Pre-treatment:	Remove any loose materials and dust. Clean with a suitable detergent to remove mould and dust. Deteriorated wood must be sanded down to sound wood. New and untreated wood or worn down wood must be treated against fungi and mould with Bondex Preserve II. It is not necessary to treat new pressure- or vacuum-impregnated wood or exotic wood. After app. 12 hours and within 2 weeks you can treat the surface with Bondex Extra.
5.3	Treatment:	2-3 coats of Bondex Extra. Please note that intensity of colour/hue can vary according to the number of layers applied.
5.4	Cleaning of tools	Soap and water.

6 Safety precautions

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| 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 | Good advice | Bondex Extra is not suitable for walking areas, decks or other horizontal surfaces. |

7 Additional Information

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| 7.1. | Wood Species: | <p>Western Red Cedar, Alaska Yellow Cedar, Larch and similar types of wood contain tannin, which may repel coating and/or staining. Please make a test on a small area before treatment, and check the final result. Please also note that all softwood may retract or swell up till 12 %. No film can adapt to this kind of movement and therefore a maximum of 18 % humidity is the limit for applying treatment.</p> <p>Iroko, Teak, Rubberwood and some other wood species contain "oil", which may delay drying and thereby give an uneven surface after application. You can try cleaning the surface with cellulose thinner and then sand with grit 220. Test a small area afterwards with application. However, we stress that there is no guarantee for a satisfactory result.</p> <p>Ipe turns grey after coating with decking oils, but by power washing after coating is worn out you may return to original colour.</p> <p>The natural composition of some wood species (e.g. larch, oak, teak, iroko, ipe, western red cedar and bamboo) may reduce or prolong the drying time of the applied coating system. Therefore we recommend to carry out a test prior to use on these wood species.</p> |
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8 Disposal

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| 8.1 | 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 PPG'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.
