



Product Code	320050
Product Name	Bondex 2-in-1
Recommended for	Outdoor timber, pergolas, boards, fencing etc.
Available sizes	0.75 L - 2.50 L

1 Product Description

1.1	Product Type:	Ready to use, protective wood stain. Enhances the natural wood grain. Effective surface filmprotection for outdoor wood.
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:	For outdoor wood such as cladding, pergolas, fences etc.
1.4	Special Qualities:	Bondex 2-in-1 is primer and stain in one product. Decorative and weather resistant. No flaking. Protects softwoods against blue stain with required coating quantity of 10-13 m ² /l.
1.5	Colour Range:	• 900 Clear • 722 Oak • 726 Chestnut • 733 Walnut • 725 Palisander
1.6	Form Supplied:	Ready to use.

2 Composition

2.1	Binder:	Alkyd resin.
2.2	Solvents:	Naphta (crude oil), treated with hydrogen
2.3	VOC-content:	EU limit value for this product (cat. A/f): 700 g/l (2010). This product contains max. 699 g/l VOC:
2.4	Pigments:	Organic and inorganic pigments.
2.5	Active ingredients:	>0.7% tolylfuanide.

3 Technical Data

3.1	Density:	0.7 - 0.8 g/ml.
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3.2	Viscosity:	10 sec./DIN CUP 4 mm (DIN 53211, 20°C).
3.3	Flash point:	App. 58°C, Pensky Martens.
3.4	Gloss:	Matt to silk matt, depending of number of coats
3.5	Solid content:	App. 15.8 W/W% / 11.9 v/v%.
3.6	Odour:	Petroleum spirit. Odourless after drying.
3.7	Coverage	10-16 m ² /l, depending on the type of wood and the state of substrate.
3.8	Drying time:	<u>Touch dry</u> : App. 3 hours. <u>Recoatable</u> : 12-24 hours. Measured at 23°C and standard humidity of 60%.
3.9	Weather resistance:	Weathers erosively, no flaking.
3.10	Fungicide:	Yes.
3.11	Thinning:	Do not thin.
3.12	Storage:	Store frost free.
3.13	Shelf life:	5 years in unopened container.

4 Surface and preparation

4.1	In general:	Stir well before use.
4.2	Substrate:	The surface must be clean, dry and solid, and free from grease, oil and wax.
4.3	Humidity / Moisture content:	Softwood: max. 15% - Hardwood: max 12%. Do not use at temperatures below 5°C or above 80% relative humidity, based on a daily average.

5 Treatment

5.1	Application method:	Apply by brush or spray.
5.2	Pre-treatment:	Scratch out resin and clean with a suitable detergent. Remove algae, mould, dirt and loose pieces of coating. Sand heavily weathered wood down to healthy wood. Completely remove old varnish and thick-film stain down to the pores. Slightly sand intact old thin-film stain coatings. At the time of treatment wood moisture should be 13% ± 2%.
5.3	Treatment:	Stir well before and during use. Do not apply or dry at temperatures below +5°C and/or relative humidity above 80% Seal end grain (ends at cut



- with two additional coatings or clear varnish. Wood fibres may rise after the first coating. A smooth surface is achieved with a light intermediate sanding.
- 5.4 First coating: 2-3 coats of Bondex 2-in-1, depending on weathering and type of construction. Effective protection against blue stain: 160-200 ml/m² (pine sap wood).
- 5.5 Restoration coating: On firm, appropriately pre-treated old coatings: 1-3 coats of Bondex 2-in-1. Sand non-intact old coatings down to the healthy wood and apply as first coating.
- 5.6 Cleaning of tools: Clean tools immediately in white spirit.

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 Good advice Never use Bondex 2-in-1 Clear outdoors without a pigmented undercoat.
- 6.3 Safety instructions: **Danger** Flammable liquid and vapour. May be fatal if swallowed and enters airways. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. Store in a wellventilated place. Keep cool. Dispose of contents and container in accordance with all local, regional, national and international regulations. Contains 2-butanone oxime and 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction. Repeated exposure may cause skin dryness or cracking. **Hazardous ingredients: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**



7 Disposal

- 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).

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.