



## BONDEX Preserve / Long Life Wood Preservative

<b>Product Code</b>	450020
<b>Product Name</b>	Bondex Preserve / Long Life Wood Preservative
<b>Recommended for</b>	All exterior wood
<b>Available sizes</b>	0.75 L - 2.50 L - 5.00 L

### 1 Product Description

1.1	Product Type:	Translucent, preventive and remedial treatment containing insecticide, fungicide and anti-termite agents. Compatible with all other BONDEX finishes, stains varnishes and paint. Non-greasy liquid.
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 structural wood, framework timber outdoor. All construction timber for structural work (timber located under cover away from damp), timber frames, and outdoor wood (except sill plates or sections in contact with the ground).
1.4	Special Qualities:	Effective against dry wood insects with xylophagous larvae (capricorn, lyctus and furniture beetles), as well as termites and rot-causing fungi.
1.5	Colour Range:	• 900 Clear
1.6	Form supplied:	Ready to use.
1.7	Test reports / certificates:	<i>Preventive Insecticide</i> : EN22: Effective remedial for "house longhorn beetles". EN370: For treatment of furniture beetles. <i>Anti Termite</i> : EN118: Effective against termites. <i>Fungicide</i> : The minimum degree of effectiveness was determined in accordance with the following standard: EN113: Against all brown rot and white rot fungi. Durability of applied product: Checks of the effectiveness of the preventive fungicide and insecticide were carried out after accelerated ageing tests: EN73: Evaporation test. EN84: Leaching test.

### 2 Composition

2.1	Binder:	n/a
2.2	Solvents:	Water.
2.3	VOC-content:	Out of scope.



2.4	Pigments:	None.
2.5	Active ingredients:	n/a
2.6	Additives:	n/a

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## 3 Technical Data

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3.1	Density:	At 20°C: 1,000 ± 0.02.
3.2	Viscosity:	n/a
3.3	Flash point:	n/a
3.4	Gloss:	n/a
3.5	Solid content:	n/a
3.6	Odour:	Odourless.
3.7	Coverage	Coverage depends on the permeability of the timber, surface condition, and application procedure. Spraying or coating: <u>Preventive</u> : 5 m <sup>2</sup> /l (app. 150-180 ml/m <sup>2</sup> ). . <u>Remedial</u> : 3 m <sup>2</sup> /l (app. 300 ml/m <sup>2</sup> ).
3.8	Drying time:	Drying depends on: temperature, wood species, ambient humidity, and quantity of product applied. Guidelines: <u>Recoat</u> : 1 hour. <u>Topcoat to be applied after</u> : App. 24 hours.
3.9	Weather resistance:	n/a
3.10	Fungicide:	Yes.
3.11	Insecticide:	Yes.
3.12	Thinning:	Do not thin.
3.13	Storage:	Store frost free.
3.14	Shelf life:	3 years in unopened container.

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## 4 Surface and preparation

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4.1	In general:	Treat all timber in contact with other wood, assemblies and sections embedded in masonry. Repeat the timber treatment after cutting, re-cutting, or in the event of damp (rectify the cause). Do not carry out any mixing
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without our technical assistance. Planing treated wood will remove the treatment, and so necessitate a further coat. The product is recommended for all construction timber for structural work (timber located under cover away from damp), timber frames and outdoor wood (except for sill plates or sections in contact with the ground).

- 4.2 Substrate: The surface must be clean, dry and solid.
- 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.

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## 5 Treatment

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- 5.1 Application method: Apply by brush or spray.
- 5.2 Preventive treatment: The surface of the timber should be clean and free of any finishes. Apply 2-3 coats of BONDEX Preserve/Long Life Wood Preservative on all surfaces by brush or low pressure spraying without introducing air, and paying particular attention to embedded parts and assemblies.
- 5.3 Remedial treatment: Bore and cut away attacked sections. Replace any damaged sections. The surface of the timber should be clean and free of any finishes. **1)** Apply the product by brush or by low pressure spraying, paying particular attention to embedded parts and assemblies in the wood in contact with masonry. (Low pressure spraying: 3 coats or 3 m<sup>2</sup>/litre). **2)** For the timber section > to 10 x 10 cm, drill through holes of 8-10 mm diameter every 30 cm in staggered rows until 2/3 of thickness of the timber. Put in the pegs. Inject as far as the rafters and structural elements (main beams etc.), paying particular attention to embedded parts, assemblies and the wood in contact with masonry. (20 mm app. for one hole). The wood in contact with masonry, embedded parts, assemblies and wood contaminated by termite must be injected in accordance with the prevailing building regulations and
- 5.4 Effectiveness: Bondex Preserve ensures effectiveness and long term performance, while respecting the strictest health and environmental standards. (See item. 1.7). The product is effective against dry wood insects with xylophagous larvae (capricorn, lyctus and furniture beetles), as well as termites and rot-causing fungi. Bondex preserve exceeds the requirements for effectiveness imposed by the standards mentioned in paragraph 1.7.
- 5.5 Cleaning of tools: Clean tools immediately in white spirit.

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## 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 Never use Bondex Matt Clear outdoors without a pigmented undercoat. Bondex Matt is not suitable for walking areas, decks or other horizontal surfaces.
- 6.3 Safety instructions: Very toxic to aquatic life with long lasting effects. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Avoid release to the environment. Collect spillage. Dispose of contents and container in accordance with all local, regional, national and international regulations. Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one and propiconazole (ISO). May produce an allergic reaction.



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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 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.

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