



la marque
du bâtiment

XYLO M.S.B.

PREVENTIVE / CURATIVE TREATMENT
INSECTICIDE / FUNGICIDE FOR WOOD

1. PRESENTATION

XYLO M.S.B. is designed for the preventive treatment of wood not exposed or temporarily exposed to moisture, rough-sawn or dressed, before, during or after its implementation (carpentry, joinery...) and provides protection according to hazard classes 1 and 2 (indoor use) as per standards EN 335-1 and 2, as well as class 3-A through soaking for resinous and broad-leaved wood (protected outdoor use, not in contact with the ground). Once dry, the wood can be glued, varnished, painted or stained.

XYLO M.S.B. is a water-dilutable concentrated liquid that can be coloured with **XYLO TEINTE**.

2. ADVANTAGES

The performances of **XYLO M.S.B.** are based on standardised efficacy tests as per standard EN 599-1 (performance of preventive wood preservatives):

- Insecticidal efficacy:
 - Against insects with xylophagous larvae: longhorn beetle, hesperophanes, furniture worm.
 - Against termites.
 - Fungicidal efficacy:
 - Against cubical and fibrous rot fungi.
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- Does not grease, does not stain the wood.
 - Treated wood retain their texture and can be used in contact with plaster boards, cellular concrete or other porous materials without any risk.
 - Can be covered with a finishing coat (e.g. paint, stain, wax or varnish).
 - Does not oxidise metals and does not alter glass surfaces.
 - Treatment highlighted through colouring with **XYLO TEINTE**.
 - Non-film forming, allows the substrate to breathe.
 - Easy to use.
 - Complies with the BIOCIDE directive.
 - Ready to use, very low toxicity, non-flammable and is not listed in Table C of hazardous substances.
 - Does not attack adhesive joints which have set.

3. AREAS OF APPLICATION

XYLO M.S.B. can be used safely both indoors and outdoors.

- Preventive protection of structural and engineered wood (roof structures, joistings, sleepers, stairs, parquet floors, furniture...).
- Curative treatment of roof structures, joistings and tie-beam parts, door/window frames, panelling, baseboards, stairs, parquet floors, frames, furniture, battens, lintels, etc.

4. INSTRUCTIONS

Substrate preparation and implementation

Substrates must be sound, dry, not frozen, not frosted, free of dust, compact and prepared in accordance with best industry practices and applicable standards, free of non-adhering parts and/or peeling paints.

Mix well before implementation.

XYLO M.S.B. must be **applied only on bare wood**.

To achieve an effective treatment, **XYLO M.S.B.** must be applied on all surfaces of the wood concerned, and on cuts and extremities. It is therefore essential to carry out all the removals needed to reach hidden contaminated parts.

EURO DORTHZ PRODUCTION

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3 versions of **XYLO M.S.B.** are available:

- **XYLO M.S.B. PAE** as a ready to use version
- **XYLO M.S.B. 4** as a 1 L + 4 L curative version
- **XYLO M.S.B. 11** as a 1 L + 11 L curative version

Application:

Application conditions	: Wood with a moisture content below 20%
Application equipment	: Brush, roller, sprayer (blue nozzle), airless spray gun, treatment tank
Dilution	: To be adapted depending on the version 5 m ² /L of ready to use product on average
Consumption	: 20 to 40 L/m ³ on average Consumption varies depending on the wood varieties and their dryness
Soaking time	: 1 to 3 minutes Soaking time varies depending on the cross-section and volume
Drying time	: 1 hour protected from the elements Coating over after 24 hours
Injection	: Cross-section greater than 10 x 10 cm, space the injectors with a maximum interval of 30 cm
Cleaning of the equipment	: Water (do not allow to dry)

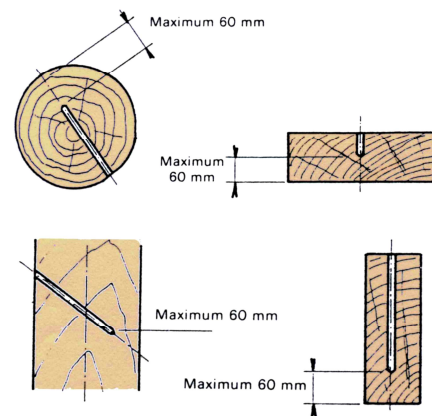
All wood with the following dimensions:

- o round wood: $\varnothing > 100$ mm,
- o squared wood: $W > 50$ mm and $L + W > 170$ mm,

Shall be treated, whether they are visibly attacked or not, as follows:

For this, use our **INJECTION KIT (code 1103)**.

- Drilling of pits with an 8 to 15 mm diameter.
- The holes are spaced with an interval of 15 cm for centrepieces (king posts, purlins, principal rafters) and 30 cm for side pieces (common rafters). For cross-sections greater than 10 x 10 cm. Drill in staggered rows down to 2/3 of the thickness of the wood.
- The bores will be arranged in staggered rows and must not significantly decrease the mechanical strength of the pieces of wood.
- The number of pits should not be less than 3 per metre.
- **XYLO M.S.B.** is introduced in the pits, either under pressure using suitable equipment (pressure < 5 bar) or through repeated fillings, until saturation.
- Plug the pits with treated wood dowels.
- The pits shall be drilled as follows:



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Caution for outdoor exposure: Wood exposed outdoors to the elements must be protected by an outdoor wood stain or paint, otherwise the treatment is likely to be washed away by rain.

Application:

To increase the penetration rate, it is advisable to store the wood treated in tight piles for 1 to 2 days, away from ground moisture and protected from the weather.

5. CHARACTERISTICS

Appearance in container	: Slightly yellowish liquid
Density	: 1.08 ±0.05 g.cm ⁻³
pH	: 7.5 ±0.05
Shelf life	: 24 months in its unopened original packaging

(For more information, please refer to paragraph 9 of the safety data sheet).

6. SAFETY OF USE

- See the product's Safety Data Sheet at www.quickfds.fr.
- Do not mix with other treatment products.
- Treated wood must not come into contact with foodstuffs.
- The dip tanks must be protected from sunlight and high temperatures.
- Store away from frost.

Use biocides with caution; before using the product, read the labels, information and safety data sheet.

- Biocidal product: TP8 Biocidal active substance: PROPICONAZOLE, CAS: 93.75 g/L, IPBC, CAS: 31.25 g/L, 3-(2,1-DICHLOROVINYL)-2,1-DIMETHYLCYCLOPROPANECARBOXYLATE DE M-PHENOXYBENZYL, CAS: 52645-53-1, 31.25 g/L.

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Class	General situation in service (type of structure)	Moisture content of wood	Risk of humidification	Insects	Fungi	Vulnerable area
1	Sheltered from the elements (panelling, parquet floors, interior woodwork)	Always < 18%	None	Larvae Termites		0 to 3 mm.
2	Sheltered from the elements (roof structures, floors, frames)	Sometimes > 20%	Occasional	Larvae Termites	Superficial rot, low virulence	0 to 3 mm.
3A	Unsheltered, no contact with the ground (cladding, external woodwork)	Often > 20%	Frequent without water stagnation	Larvae Termites	Superficial rot, low virulence	0 to 3 mm (no water stagnation on standing wood)
3B	Unsheltered, no contact with the ground (cladding, external woodwork)	Often > 20%	Frequent with possible water stagnation	Larvae Termites	More significant rot, moderate to high virulence	6 mm and more to the side and up to 30 to 50 mm for standing wood and assemblies
4	Contact with the ground or fresh water (base of poles, outdoor facilities)	Always > 20%	Permanent with water retention or stagnation	Larvae Termites	Deep rot, high virulence. Soft rot	The entire volume of wood (at least on some of the parts)
5	Wood in contact with sea water (piles, pontoons, submerged wood)		Permanent	Marine borers	Deep rot, high virulence. Soft rot	The entire volume of wood

The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.

Product solely intended for professional use.

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