



3000



Wood preservative Waterbased concentrated microemulsion product (ME)

Function	Use	Users category	Type of wood
Fungicide Insecticide Anti-termites	Preventive treatment – Use classes 1 to 3.2	Industrial - Sawmills, - Carpenters	Construction wood: - Carpentry, - Joinery (windows, ...) - Cladding, ... Hardwood and Softwood Wood-based materials

Physical and chemical properties

Concentrated microemulsion (ME)
Aspect: liquid
Specific gravity (20°C): 1 kg/L
pH : neutral
Flash point: >60°C (not flammable)
Odorless
Active substances:
- Cypermethrin
- Propiconazole
- Tebuconazole
- IPBC

Efficacy

Efficacy as fungicide, insecticide, anti-termites

Effective against:

- Basidiomycetes (white-rot fungi and brown-rot fungi)
- Wood boring larvae (House longhorn beetle, Lyctus, Anobium)
- Termites,

for preventive treatment of construction wood.

The performances of AXIL 3000 were established, according to the standard EN599 (Durability of wood and wood-based products - Performance of preventive wood preservatives as determined by biological tests), in order to provide protection to wood against the risks of the use class 1, 2, 3.1 and 3.2 as defined in standard EN335, from the standardized test for preventive efficacy:

- EN46 and EN47 against the wood boring larvae,
- EN118 and EN117 against termites
- And EN113 against basidiomycetes.

This efficacy test was performed following accelerated ageing tests: EN73 (evaporative ageing procedure) and EN84 (leaching procedure) to ensure the durability of the applied product AXIL 3000.

Application

The treatment is performed by surface application (short dipping, aspersion like flow-coating, double vacuum) and by deep impregnation – pressure –vacuum).

The treatment effect is immediate and optimal at the fixation step.

Wood aspect is not affected by the treatment with the wood preservative AXIL 3000.

AXIL 3000 is compatible with all types of finishes.

Mix well the product before application.

Preparation of the ready-to-use product

Use class	Wood species	Application method	Dilution AXIL 3000
1	Softwood/Hardwood	Short dipping Aspersion	10L AXIL 3000 = 100L of ready-to-use (so 10L AXIL 3000 + 90L water = Dilution 10%) Dilute AXIL 3000 in water under slight stirring
2	Softwood/Hardwood	Short dipping Aspersion	10L AXIL 3000 = 100L of ready-to-use (so 10L AXIL 3000 + 90L water = Dilution 10%) Dilute AXIL 3000 in water under slight stirring
3.1	Softwood/Hardwood	Short dipping Aspersion Double vacuum	Softwood = 10L AXIL 3000 = 100L of ready-to-use (so 10L AXIL 3000 + 90L water = Dilution 10%) Hardwood = 20L AXIL 3000 = 100L of ready-to-use (so 20L AXIL 3000 + 80L water = Dilution 20%)
3.2	Softwood/Hardwood	Deep impregnation (vacuum pressure)	Absorption of AXIL 3000 (concentrate product)= Softwood = 5kg/m ³ Hardwood = 10kg/m ³ Indicative dilution (to be adapted to the real consumption, wood species and wood dimensions) <u>Permeable wood species:</u> 1L of AXIL 3000 = 100L of ready-to use <u>Resistant wood species :</u> 3L of AXIL 3000 = 100L of ready-to-use Dilute AXIL 3000 with water under slight stirring.

NB : Class 3.2 = Short dipping and aspersion are only possible for wood-based panels.

AXIL 3000 is miscible in all proportions with water and is easy to homogenize

Control of treatment baths

Periodic checks can be made by our own with a regular sampling of treatment baths to be analyzed in our laboratories. Do not hesitate to consult the technical and commercial teams of Sarpap Cecil & Industries at +33 5 53 63 81 00.

Precautions of use

Wood pieces to be treated should have a moisture <50%.

Frozen wood must not be treated.

Wood treatment is not allowed on wood which could be in direct contact with food- and feedstuffs.

Make a preliminary test for exotic or woods containing tannins.

If the wood is cut or damage after treatment, these wood area must be retreated.

Treat again wood in case of sanding after treatment.

Cleaning of materials

After use, rinse equipment (product not dried) with water.

Consummation

Preventive treatment (dipping-spraying) : 90-110 g/m² or 10 à 15L/m³

Deep impregnation by vacuum-pressure : 300 to 600L/m³

The consumption of AXIL 3000 is given for the ready-to-use and varies according to species, sections and mode of application.

Drying time-Fixation

Fixation: 4h after dripping under cover on a waterproof area.

Drying time: from 24 to 48h in well ventilated place and normal conditions (depending of the wood species, liquid uptake and climate conditions)

The wood, after treatment, must be systematically stored in an area sheltered from bad weather for 24 hours minimum and should not be exposed to the bad weathering conditions until it find its service moisture.

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Safety and environmental precautions

Please read the information available in the label and Material Safety Data Sheet.

Use biocides safely. Always read the label and product information before use.

Classification-Labeling

See the MSDS (Material Safety Data Sheet)

Handling

Good standards of hygiene should be maintained everytime.

Avoid contact with skin, eyes and clothes.

Avoid inhalation of vapours.

Do not eat, drink, and smoke while working.

Use of the required PPE :

- latex, neoprene or nitrile gloves for hands;
- goggles, mask, helmet, face shield for the head, face and eyes,
- work clothes, work shoes or boots for the skin.

Storage

Keep the original container hermetically closed and in a dry place, away from light and moisture.

Store in standard conditions of temperature (frost-free).

Ensure adequate ventilation of the storage area.

Keep away from food, drink and animal feeding stuffs.

Store on tight area or retention area.

Environment

The product residue, washing water, packaging and any other waste related to the treatment should be considered as hazardous waste under the full responsibility of the holder of that waste and treated in specialized centers.

During the entire period of storage timber, it is necessary to ensure that no constituent of the product reaches the ground.

Do not empty residues into drains and waterways.

The information contained in this leaflet is intended to be of assistance to users but it is without guarantee. This information is given only on an indicative basis and do not engage the responsibility of BERKEM, use conditions remaining beyond its control. The information provided by BERKEM reflects the current legislation and the technical knowledge BERKEM has acquired at the publishing date. In case of doubt, please contact our customers department.

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