

TECHNICAL DATA SHEET



AXIL 3000 P (BS)



Wood preservative Waterbased concentrated microemulsion product (ME)

Function	Use	Users category	Type of wood
Fungicide Insecticide Anti-termites	Preventive treatment – Use classes 1 to 3.1	Industrial - Sawmills, - Carpenters, - Joiners, etc.	Construction wood: - Carpentry, - Joinery (windows, ...) - Cladding, ... Solid wood Wood-based materials Hardwood and Softwood

Physical and chemical properties

Concentrated microemulsion (ME)
Aspect: colorless liquid
Density (20°C): 1 kg/L
pH: neutral
Flash point: >99°C (not flammable)
Odorless
Actives substances:
- Permethrin
- Propiconazole
- Tebuconazole
- IPBC

Efficacy

Fungicide, insecticide, anti-termites efficacy

Efficacy against: - basidiomycetes (white-rot fungi and brown-rot fungi),
- wood boring larvae (house longhorn beetle, lyctus, anobium)
- et termites,

for preventive treatment of construction wood.

The performances of AXIL 3000 P 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 and 3.1 as defined in standard EN335, from the standardized test for preventive efficacy:

- EN46 et EN47 against house longhorn beetle,
- EN118 et EN117 against termites,
- et EN113 against basidiomycetes.

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

Application

The treatment is performed by surface application (short dipping, aspersion).

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 P.

Compatible with all types of finishes.

Mix the product well before application.

Update : March 2020



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Preparation of the ready-to-use product

Use class	Wood species	Application method	AXIL 3000 P dilution and retention
1	Softwood / Hardwood	Short dipping	Dilution = 10% w/w in water Retention of ready-to-use = 100 g/m ²
2	Softwood / Hardwood	Short dipping	Dilution = 10% w/w in water Retention of ready-to-use = 100 g/m ²
3.1	Softwood / Hardwood	Short dipping	Softwood = Dilution = 10% w/w in water Retention of ready-to-use = 100 g/m ² Hardwood = Dilution = 19,2% w/w in water Retention of ready-to-use = 100 g/m ²

Use class	Wood species	Application method	AXIL 3000 P dilution and retention
1	Softwood / Hardwood	Aspersion	Dilution = 10% w/w in water Retention of ready-to-use = 100 g/m ²
2	Softwood / Hardwood	Aspersion	Dilution = 10% w/w in water Retention of ready-to-use = 100 g/m ²
3.1	Softwood	Aspersion	Dilution = 10% w/w in water Retention of ready-to-use = 100 g/m ²

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

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 Adkalis at +33 5 64 31 06 60.

Precautions of use

Wood pieces to be treated should have a moisture <25%.

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 tannin-rich woods.

Further cuts and notches must be treated to ensure the effectiveness of the treatment.

Treat again wood in case of its sanding, cutting, etc.

For an outdoor use of use class 3, treated wood must be protected with a top coat.

Equipment's cleaning

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

Update : March 2020

Consumption

The consumption of AXIL 3000 P is given for the ready-to-use and varies according to species, sections and mode of application. Our laboratories and our technical teams are at your disposal to adjust the rate of dilution of our product according to the actual retention of wood measured in your facilities.

Drying time-Fixation

Fixation: 4h after dripping.

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

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

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 at all the times.

Avoid contact with skin, eyes and clothes.

Avoid inhalation of fog and vapours.

Do not eat, drink, and smoke while working.

Use of appropriate and suitable personal protective equipment (PPE) is required: latex, neoprene or nitrile gloves for hands; goggles, gas mask, helmet, face shield to protect head, face and eyes; working clothes, working shoes or boots to protect the rest of the body.

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.

After treatment, freshly treated wood must be stored under shelter or on an impermeable hard surface, or both, to prevent direct loss to soil or water.

Information provided in this document are intended to help users. They are only given for information and do not engage the responsibility of the BERKEM Group, because employment conditions are beyond its control. Characteristics mentioned for manufactured products depend on the storage conditions and implementation. Provides information reflect the regulations and technical knowledge we acquired at the date of notification of this sheet. Before implementation, ensure that this technical data sheet has not been modified by an updated version taking into account new data.

Update : March 2020