

1.- Product description

Product Type	<p>Xylazel Total is a solvent based wood preservative, for the preventive and curative protection for wooden products used in joinery, furniture and woodwork (constructional timber, joints, doors, windows, fences, pergolas, etc.); to prevent the action of basidiomycete fungi that cause wood decay, of termites and wood-boring beetles like Hylotrupes Bajulus, and different Anobium and Lyctus species.</p> <p>Wood preservative product for use classes 1, 2 and 3 according to the European standard EN 335 and EN 599.</p>
Advantages	<p>Xylazel Total gives wood an effective protection without changing its natural colour. This primer penetrates on wood guaranteeing its effectiveness. Easy to apply. It quickly penetrates into the wood. It improves adhesion and length of finishes and protects the wood for a long time.</p>

2. - Technical Data

Data	<p>Active principles: 0.175% w/w propiconazole + 0.6% w/w IPBC + 0.15% w/w cypermethrin + 0.175% w/w tebuconazole</p> <p>Relative density: ~ 0.82 g/cm³ (20° C)</p> <p>Inflammation point: > 55° C</p> <p>Drying time: Touch dry at 12 hours. To achieve the necessary dose it can be recoated at regular 24 h drying intervals. The treated wood surface can be coated with a paint, varnish or wood stain after 24 h. Drying times are dependent upon absorption of substrate and drying conditions.</p> <p>Corrosion behaviour: It does not cause any rusting. After drying, it can contact with plastics and bituminous substances.</p> <p>Satisfy the rules:</p> <ul style="list-style-type: none"> • Determination of the preventive action against recently hatched larvae of Hylotrupes bajulus (Linnaeus) (EN46). • Determination of the preventive action against Reticulitermes santonensis de Feytaud (EN118). • Determination of the protective effectiveness against wood destroying Basidiomycetes (EN113). • Determination of the protective effectiveness of a preservative treatment against blue stain in service. Part 1: Brushing procedure (EN152-1). • Determination of eradicant action against Hylotrupes Bajulus (Linnaeus) larvae (EN22).
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3.- Application methods

<p>Application methods</p>	<p>The product is ready for use and can be applied by injection, brushing, dipping or spraying wooden products used in joinery, furniture and woodwork, constructional timber, joints, doors, windows, fences, pergolas; that need to be protected against fungi (blue stain, decay etc.), xylophages insects as termites and wood-boring beetles like Hylotrupes Bajulus, and different Anobium and Lyctus species. For classes 1 and 2 the application must be done by surface treatment, as brushing or dipping.</p> <p>The dose for class of use 1 is 166 g per m², ca. 200 ml per m². With this dose the wood is protected against termites.</p> <p>If a curative treatment is needed against above mentioned xylophages insects, the minimum dose is 300 mL per m² by brushing or injection surface application.</p> <p>For class of use 2, when only a protection against basidiomycetes is needed, a dose of 114 g per m², ca. 140 mL per m², is required. If the wood shall be protected against insects, termites and blue stain a dose of 199 g per mL (ca 240 mL per m²) is needed.</p> <p>Brushing is for preventive and curative treatments. Wood must be clean. To achieve the necessary dose it can be recoated at regular 24 h drying intervals. Appropriate measures of protection must be adopted to reduce contact with the product during the application. Avoid splashes and discharges to the environment. Dispose of the contents or containers in the accordance with the current legislation on waste treatment. Avoid drains to sewage system and water courses.</p> <p>For injection is necessary to make a hole into wood or use the holes caused by woodworm. The product is injected into the hole with a syringe or low pressure injection devices. The holes should be in the adequate direction so that the injected product remains inside of the hole and wood is impregnated. For a curative treatment should be applied the necessary dose. Appropriate measures of protection must be adopted to reduce contact with the product during the application. Avoid splashes and discharges to the environment. Dispose of the contents/containers in the accordance with the current legislation on waste treatment. Avoid drains to sewage system and water courses.</p> <p>Dipping is an industrial and professional application for preventive and curative treatment on dry solid wood. The immersion time must be calculated according to the type and size of wood to reach the recommended dose. It can be done on stationary or adjustable automatic feeding facilities. The application must be made within a confined or on a hard impermeable surface area with protective barriers. Freshly treated wood have to be stored, after treatment, under roof or on impermeable hard surface, or both modes to avoid direct discharge to soil or water. Occasional discharges must be collected for reuse or disposal.</p>
<p>Cleaning equipment</p>	<p>White Spirit or Xylazel SG Thinner</p>

4.- General directions for use

<p>Instructions for use, for safe disposal and storage conditions</p>	<p>Outdoor wood should be treated in protected areas from rainwater to avoid discharge to the environment. Xylazel Total applications must be topcoated by using a wood stain, varnish or paint to avoid leaching of the active substances when the treated wood is exposed to outdoor environment. The risk to a secondary exposure to humans and animals could be reduced when a topcoat is used on woods.</p> <p>Do not use on beehives, bee keeping equipment or saunas.</p> <p>Industrial application must be made within a confined or on a hard impermeable surface area with protective barriers. Freshly treated wood have to be stored, after treatment, under roof or on impermeable hard surface, or both modes to avoid direct discharge to soil or water. Occasional discharges must be collected for reuse or disposal.</p> <p>Personal precautions, protective equipment and emergency procedures: Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection.</p> <p>Personal protection equipment must be used against potential contact with the spilt product. Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inertization agent. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground. Environmental precautions: avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment. Methods and material for containment and cleaning up. It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents.</p> <p>This product is not classified as dangerous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.</p> <p>By skin contact: Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.</p> <p>By eye contact: Rinse eyes thoroughly with like warm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the MSDS of the product.</p> <p>By ingestion or aspiration: Do not induce vomiting, but if it does happen keep the head up to avoid inhalation. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.</p> <p>Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. In accordance with Annex II of Regulation EC nº1907 2006, REACH, the community or state provisions related to waste management are stated.</p> <p>Under normal conditions of storage, Xylazel Total is stable for 2 years. Conditions for safe storage: avoid sources of heat, radiation, static electricity and contact with food. Keep container closed. Technical measures for storage: minimum temperature: 5 Celsius degrees. Maximun temperature: 35 Celsius degrees.</p>
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5. - General Information and Technical service

Whilst these specifications are based on expert technical knowledge and practical experience, we cannot assure responsibility for any work as the ultimate result depends on factors beyond our direct control.

Our Technical Services Department will be pleased to offer specific guidance or provide any further information you may require.