




## Männitõrv

### Pine tar

- ✓ Traditional wood protective agent.
- ✓ Natural components
- ✓ Protects wood from cracking and weather impact.



Description	
Properties	<p>Natural compound for wood protection.</p> <ul style="list-style-type: none"> <li>✓ A viscous liquid produced from tree stumps and lower parts of the trunk that are rich in resins.</li> <li>✓ Wood impregnated with tar becomes waterproof.</li> <li>✓ Prevents wood from rotting.</li> <li>✓ Protects wood from cracking and weather impact.</li> <li>✓ Does not dry but is absorbed by the wood, which seems dry to the touch afterwards. The depth of absorption depends on the density of wood and the rate of dilution of the product with turpentine.</li> <li>✓ Has a strong distinctive natural smell.</li> </ul> <p>Maximum permissible EU VOC content for the product (subcat. e) 400 g/L. Maximum VOC content in the product &lt;400 g/L.</p>
Purpose	Wooden logs, fences, poles, ropes, wooden roofing parts (laths, roof shakes), pitching boats, etc. treating. Do not use on floors or previously painted or varnished surfaces. For outdoor use
Types of surfaces	Recommended for untreated and sawn wood.
Quality standards and labels	<ul style="list-style-type: none"> <li>✓ VOC (volatile organic compounds) – content in accordance with the European Union directive 2004/42/CE.</li> <li>✓ Product and service quality is guaranteed by the quality, environmental protection, occupational health and safety management system in accordance with standards ISO 9001:2015; ISO 14001:2015 and OHSAS 18001:2007.</li> </ul>
Product specifications	
Surface preparation before treatment	<p>Wood moisture content must not exceed 20%. Perform application at the temperature above 5 °C and relative humidity up to 80%. Clean the surface thoroughly from dirt, grease and dust. The wood to be treated must not be damaged by mould and algal growth.</p> <p>Use Aura Biostop primer to pre-treat the surfaces. Clean previously painted surfaces completely, using a scraper, a stiff brush, a heat gun or OPS Pro varnish remover. Remove the darkened areas of the wood with a metal brush, and replace rotten wood.</p> <p>When surfaces have been treated with tar or tar oil, we recommend using the same product subsequently.</p>

Application	Stir the product before use. To increase absorption when treating hard wood, we recommend diluting the tar with natural turpentine oil Männitärpentin (up to 20% of its volume). Apply the tar with a stiff brush, rubbing it in thoroughly to make sure that the tar coat has been fully absorbed after which the wood surface will seem dry to the touch. Apply the product evenly from edge to edge along the grain. Take special care to treat the ends. Remove the unabsorbed excess product with a cloth. We recommend treating surfaces exposed to the weather impact once per year. When tar from different batches is used on the same surface, the product must be mixed in a single container to ensure that the colour is even.
Colour	Dark brown
Consumption	Per one coat: 3–5 m <sup>2</sup> /L for sawn wood; 5-10 m <sup>2</sup> /L for planed wood.
Thinner	Turpentine.
Drying time	Does not dry but is absorbed by the wood, which seems dry to the touch afterwards. The depth of absorption depends on the porosity (absorption capacity) of wood and the rate of dilution of the product with turpentine.
Tools	Brush.
Tool cleaning	Wash tools with turpentine Männitärpentin after completing work.
<b>Information</b>	
Frost resistance	Not frost-resistant.
Min shelf life	2 years.
Storage conditions	Store in a tight container at the temperature between +5°C and +30°C. Protect from direct sunlight and frost.
Safety precautions	 <b>Warning.</b> Harmful to aquatic life with long lasting effects. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Keep out of reach of children.. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention UFI: RR10-A0TN-800Y-2V7T
Waste treatment	Avoid release to the environment. Dispose of the contents/containers in accordance with the current legislation on waste treatment. Waste treatment methods: code 08 01 11* - Waste paint and varnish containing organic solvents or other dangerous substances. Waste class (Regulation (EU) No 1357/2014): Dangerous.
Density	1,03 kg/L.
Volume/weight	1 L – 5 L
<p>The information concerning the product is based on the results of laboratory tests and practical use of the product depending on the location and conditions of its use. As the manufacturer, we guarantee the quality of the product and provide the best recommendations for its appropriate application. As the manufacturer, we cannot control the conditions and circumstances of product transportation, storage and application and numerous other factors that affect its use. Thus, we shall not bear responsibility for the damage caused by ignoring the instructions for use or transportation, by noncompliance with storage conditions and timeframes or by inappropriate application of the product. The manufacturer reserves the right to alter product information at their discretion without prior notice. For additional information, please contact us: <a href="http://eskaro.ee/kontaktid/main_office_contacts/">http://eskaro.ee/kontaktid/main_office_contacts/</a></p>	