

Technical Leaflet




■ BASF Group

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Wolmanit[®] ProColor red 2301

Red colour concentrate based on water soluble dyes

1. Usage	
Type of product	Liquid concentrate based on water soluble dyes for the colouration of wood treated in a double vacuum process in combination with wood preservative solutions (e. g. Wolsit [®] KD products). As for all dyes, the UV- stability of Wolmanit [®] ProColor red 2301 is limited. The durability of the colour is depending on the time and intensity to UV light.
Field of application	Colouration of impregnated timber, especially structural timber (e. g. trusses, beams, laths etc.).

2. Product Specification	
Density	approx. 1.1 g/cm ³ (at 20 °C)
pH value	approx. 1.5 – 3.5 (10% solution at 20 °C)
Labelling	 Xn – harmful

3. Application	
Solution strength	For double vacuum treatment, the typical concentration is 0.05 – 0.1 %. Thoroughly stirring and a colouration test on timber is recommended if the working solution is not used for a longer period of time.
Preparation of solution	A 0.1% concentration is equivalent to 1 kg of Wolmanit [®] ProColor red 2301 per 1000 litres of treatment solution. Wolmanit [®] ProColor red 2301 should be added along the complete length of the storage tank in order to achieve the best possible pre-distribution of the product. Afterwards the solution has to be stirred to achieve a homogeneous distribution.
Storage of impregnated timber	Right after treatment, the dyes could be washed off easily by rain. Therefore, the timber should be sheltered from rain during fixation.

4. Storage

Storage	Minimum shelf-life in tightly closed container: 2 years. To be stored in original containers only. Keep out of reach of children.
Storage temperatures	Wolmanit® ProColor red 2301 should be kept at temperatures of +5 °C to +35 °C. Protect from frost.

5. General instructions

Safety Precautions	<p>A material safety data sheet is available at the above address and to be used with this technical leaflet. Before use, read product instructions carefully.</p> <p>For preparation and use of treatment solutions, technical leaflet and material safety data sheet of the treatment chemical has also to be observed.</p> <p>For use by professionals only.</p> <p>Colour additives may negatively affect the impregnation success as well as corrosion. A suitable coating of the plant is generally recommended.</p> <p>The result of colouration may vary due to different timber surface conditions, e.g. roughness, pre-weathering, tight packing, use of stickers etc.</p> <p>Washed-out dye may stain masonry, cladding and seating furniture.</p> <p>Do not use eating and drinking bins for the product.</p> <p>When using the product, do not eat, drink or smoke.</p> <p>Keep out of reach of children.</p> <p>Do not store along with foodstuffs, beverages and fodder.</p> <p>Wear suitable protective equipment such as safety goggles and gloves.</p> <p>Wolmanit® ProColor red 2301 and its solutions may not leach into soil, canalisation and surface water.</p>
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