



# ard f.lli raccanello s.p.a. industria vernici e smalti

TECHNICAL SHEET **122**

CODE 0.441

## **tema impregnante per legno**

Water based protective impregnating agent for interiors/exteriors

### **GENERAL PROPERTIES**

TEMA IMPREGNANTE PER LEGNO is a colourless transparent or pigmented protective product suitable for the protection (moulds/ fungi) & decoration of wood.

TEMA IMPREGNANTE PER LEGNO is formulated with transparent pigments which enhance the natural beauty of wood. Such pigments form a barrier against UV rays impeding decay & greying.

TEMA IMPREGNANTE PER LEGNO offers good penetration, elasticity, water repellence & water vapour permeability. There is no health hazard, its flameproof, odourless & therefore ideal for interiors & poorly aired premises. Its specific for the protection & decoration of interior/exterior wooden end items (matchboard, facades, lofts, balconies etc).

The colourless version 0.441.0500, is formulated with specific binders which impede the outcrop of water-soluble substances such as tannins.

### **INSTRUCTIONS**

#### **Substrate preparation:**

- Bare wood: prepare the substrate accurately, sand & remove dust/ filth. Clean resinous wood with Diluente Nitro Ard 0.972.0042. Ensure the substrate is perfectly dry (wood humidity should be below 15%) & apply TEMA IMPREGNANTE.
- Surfaces with unsound enamel or varnish: sand thoroughly removing any flaky paintwork. Ensure the substrate is perfectly dry and apply TEMA IMPREGNANTE.
- If the wood is particularly absorbable or absorbs irregularly apply a first coat of colourless TEMA IMPREGNANTE diluted at 80-100% with water.

#### **Application:**

Apply TEMA IMPREGNANTE (neat) as follows:

- Brush: stir well & apply the first coat. Allow at least 6 hrs, sand lightly to remove any "hairs" & proceed with the subsequent coats.
- Apply at least 3 layers of coloured TEMA IMPREGNANTE or a final layer of TEMA FINITURA IMPREGNANTE COLORATA on surfaces exposed to extreme conditions.

- TEMA IMPREGNANTE is recoatable using Tema Finitura Brillante 0.440 & Tema Finitura Impregnante Cerata 0.442.
- Wash equipment immediately after use with water.
- Store in cool, frost free premises.
- TEMA IMPREGNANTE is included in the 16COLOURS & WIZARD tinting systems.
- Do not apply at ambient/substrate temperature below +10 °C or above 35 °C or when RH is above 75%.
- Use in compliance with current Health & Safety Regulations. Dispose of spent material/containers according to the same.
- Refer to the PSDS for further details.

## TECHNICAL PROPERTIES

SPECIFIC WEIGHT	<b>1020 ± 30 g/l</b>	
VISCOSITY AT 20°C	<b>35 ± 3s Din cup 4</b>	
NATURE OF BINDER	<b>Acrylic polymers</b>	
DRYING AT 20 °C	TOUCH DRYING	<b>1 hr</b>
	THROUGH DRYING	<b>24 hrs</b>
ASPECT	<b>Glossy</b>	
RECOATABLE	<b>min. 6 hrs</b>	

## YIELD

As coverage varies according to the wood's absorption; we can only provide an estimate of 4,5-6 m<sup>2</sup>/l for a two coat painting cycle.

## TENDER SPECIFICATION ITEM

### WATER BASED PROTECTIVE IMPREGNATING AGENT FOR INTERIORS/EXTERIORS

Two layer application on treated surfaces of impregnating agent type TEMA IMPREGNANTE PROTETTIVO PER LEGNO based on acrylic dispersions, for the protection against atmospheric agents & mould with a minimum consumption of approx 0,16 ÷ 0,22 l/m<sup>2</sup>.

€/m<sup>2</sup>

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. The same are to be considered as a guide.  
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