



UNI EN ISO 9001:2008
Quality System Certified Company



TECHNICAL DATA SHEET
PRODUCT

WOOD LEGNO

SPECIAL ADHESIVE FOR WOOD

SPECIAL DUAL-COMPONENT HIGH SEAL ADHESIVE FOR FIXING AND SURFACING WOOD

WOOD LEGNO is the solution for the problems of sealing resistance on flexible materials - particularly wood - which cannot be addressed with regular polyester resin adhesives.

Laboratory tests confirm the superior performance of WOOD LEGNO

Thanks to a balanced formula and to the superior quality of the resins used, WOOD LEGNO combines the ease of use and fast application of regular polyester adhesives with higher levels of seal coefficients and adhesion than traditional adhesives can perform. That's why WOOD LEGNO is the adhesive of election for **wood** and porous, flexible materials wherever traditional adhesives are insufficient.

TECHNICAL DATA

PHYSICAL STATE	paste
COLOUR	TRANSPARENT, DARK AND LIGHT WALNUT, MAHOGANY, TEAK, POPPY, DOUGLAS FIR, OAK (
DENSITY AT 25°C (77°F)	2.2 gr/cm³
CHEMICAL STABILITY	>6 MONTHS stored in dry place, in tightly closed original containers, at room temperature of 15-25°C (59-77°F)

PREPARATION

For best results, mix 2% to 3% of the catalyst (dibenzoyl peroxide) with the adhesive texture. The catalyst paste formula is easier to measure accurately. A consistent mixture will facilitate uniform catalysis. The speed of catalysis is effected by temperature and by the quantity of catalyst. An excess of hardener will increase the catalysis rate, but weakens the adhesive's seal. Surfaces to be treated must be clean and dry; porosity and unevenness of the surface favour the best adhesion (varnished surfaces must be sanded before application).

SPECIFICATIONS FOR MIXING AND HARDENED PASTE

Mixing time		1	minute
Application time (pot life)		1-4	minutes
Gel time		5-7	minutes
Shrinkage coefficient		0.60	%
Distortion temperature		>80 (>176)	°C (°F)
Tensile strength	(ASTM D638)	50	mPas
Tensile elasticity modulus		3200	mPas
Maximum elongation		2.1	%
Bending strength	(ASTM D790)	90	mPas
Bending elasticity modulus		3400	mPas
Water absorption		< 0.5	gr/kg.

LIMITATION OF LIABILITY The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Since the application of the product is beyond the control of the manufacturer or supplier, our liability for defective products, when verified, is limited to refund of the purchase price

A PRELIMINARY TEST IN A SMALL, HIDDEN, AREA IS RECOMMENDED BEFORE THE APPLICATION

