



PLASTIPOL 444

Waterproof Polyurethane Adhesive

ISO 9001 BUREAU VERITAS Certification	
COD.FICHA:	FT-310001-I
Nº EDICIÓN:	01
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Description and applications:

PLASTIPOL 444 is a monocomponent polyurethane adhesive for wood, with high adhesive power and excellent resistance to water.

PLASTIPOL 444 is a very versatile adhesive which can be used to bond a big variety of materials: all types of wood and particle or fiberboards, stratified materials, plastics (melamine, polyester, etc, except polyethylene and polypropylene), "formica", cement, concrete, steel, plaster, ceramic materials, rigid foams, etc; between each other or to other substrates.

Suitable for manufacturing of windows, doors, formwork, bonding of pedestals on raised floor.

Highly recommended for the ship-building industry.

Technical data:

Composition:	Polyurethane
Packaging:	750 gr bottle, 25 kg containers and 220 kg drums
Appearance:	Dense liquid.
Colour:	Brown

Properties:	Value:	Unitas:	Standard:
Brookfield Viscosity (23 °C, R6-20 rpm)	2.100 – 2.800	mPa·s	UNE-53-307
Density (23 °C):	1,1	g/cm ³	UNE-EN 542
Open time* (23 °C):	30	Min.	I.M.
Curing time* (23 °C):	3	h.	I.M.
Application Temperature*:	+5 / +35	°C	I.M.
Water Resistance:	D-4	-	DIN-EN-204
Working Temperature	-30/ +100	°C	I.M.
Shear strength	> 10	N/mm ²	EN-205

Source: Laboratory tests.

(*) Depends on temperature, humidity and substrate.

Characteristics:

- Professional quality.
- 100% solid, totally solvent-free
- Easy to use.
- Quick drying.
- Waterproof (DIN-EN-204).
- Foaming action.
- May be used on wet wood.
- Suitable for a big variety of materials.

Instructions for use:

- Surfaces to join have to be free of dust, oil, grease, etc.
- Moisten slightly the substrate in order to accelerate the curing process, and facilitate the penetration of the product in the cavities due to its foaming action.

Security and hygiene:

For further information, please request safety data sheet.

Storage:

PLASTIPOL 444 can be stored at temperatures between +5 and +30 °C for approx. 12 months.

Keep in a cool and dry place. Avoid exposure to moisture.

Cleaning:

Application tools and equipment can be cleaned with our DISOLVER A product.

Note:

The technical information provided by QS ADHESIVES & SEALANTS, S.L., either verbally or in writing is based on our present knowledge and is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved.

The user is obliged to ensure that our products are suitable for the process and the use in question.

In any case our liability is limited to the value of goods supplied by us and used by you. We provide products with consistent quality, according to our general conditions of sale and distribution