



# TIFA-TIX®

## VERY FAST, FILLING, PERMANENTLY ELASTIC, SINGLE-COMPONENT SMP WOOD ADHESIVE



- Solvent-free
- Sandable

### PREPARATION

**Working Conditions:** The ambient temperature, the adhesive and the parts to be bonded should be no less than +15°C. Wood humidity level between 10% and 18%.

**Preliminary Surface Treatment:** Parts to be bonded should be clean and free of dust and grease.

**Tools:** Sealant gun, (flat) brush, putty knife.

### APPLICATION

**Coverage:** 5-6 m<sup>2</sup>/kg (spot bonding), 0.5 m<sup>2</sup>/kg (full surface bonding)

#### Directions for use:

Do not use first 5 cm glue groove of new cartridge for joining. Apply the glue evenly, directly from the cartridge and, if necessary, redistribute using a brush, putty knife or glue spreader. Assemble the components within 15 minutes and push, clamp or press firmly together. Close the cartridge properly immediately after use.

**Stains/residue:** Remove wet adhesive residue immediately with a dry or moist cloth. Dry adhesive residue can only be removed mechanically. Clean tools with cleansing agent or turpentine.

### PRODUCT DESCRIPTION

Very fast, filling, solvent-free, permanently elastic, one-part wood adhesive based on SMP Polymer for waterproof and durable joints. Complete with KOMO attest-with-product certificate 'joining techniques in wooden façade elements', certificate number 20934. Conform BRL 0819 approved for dowel and mortise and tenon joints in (external) window frames made of meranti, sapupira, sapele (mahogany), iroko, oregon pine, spruce, merbau, Larift® and Accoya®. TIFA-Tix is equipped with tiny beads, which ensure that after locking up the (frame) joints, enough adhesive is remaining in the joint for guaranteed waterproofing.

### FIELD OF APPLICATION

For the waterproof and durable joining of all coniferous and deciduous types of wood as well as modified wood using various woodworking joints, such as mortise and tenon joints and dowel joints. Also for joining wood to a variety of building materials such as (natural) stone, (aerated) concrete, metal, rigid foam and various synthetics. Suitable for indoor and outdoor applications, such as façade carpentry. Also suitable for less-fitting joints.

### PROPERTIES

- Waterproof
- Very rapid strength gain; final strength after 4 hours
- Very quickly loadable
- Filling
- Good paintability
- Permanently elastic
- Does not drip
- Does not foam

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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### TECHNICAL SPECIFICATIONS

100% modulus:	2.5 MPa
Chemical base:	SMP Polymer
Chemicals resistance:	Good
Colour:	Beige
Cure rate:	2 mm/24h
Density approx.:	1.54 g/cm <sup>3</sup>
Elasticity:	Good
Filling capacity:	Very good
Final bond strength:	400 N/cm <sup>2</sup>
Final bond strength after:	4 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Hardness (Shore A):	73
Initial Bonding after:	30 minutes. This might vary, based on circumstances, like materials, temperature and humidity.
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	100 °C
Mildew resistance:	Good
Moisture resistance:	Very good
Paintability:	Good
Shear strength:	400 N/cm <sup>2</sup>
Skinover time:	10-15 minutes
Solid matter approx.:	100 %
Tensile strength (N/cm <sup>2</sup> ) approx.:	320 N/cm <sup>2</sup>
UV resistance:	Good
Viscosity:	Pasty
Water resistance:	Good

### STORAGE CONDITIONS

A minimum of 18 months. Best Before Date (MM/YY): see packaging.

Limited shelf life after opening.

Store in properly sealed packaging in a dry place at between +5°C and +25°C.

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