



Technical Sheet

STRUCTURAL ADHESIVE

Xepox 26.3/5 Floor

Standard for

Multidirectional joints and wood-cement attics.

Pourable, even with pressurized equipment

2÷4 mm

Moderate temperatures.

General		Polymeric synthetic binder, formulated as a structural adhesive with an epoxy base, bicomponent, RTC.
Characteristics		Pourable liquid, with solid loads - filler and quartz - average reactivity, good wetting against materials of different nature - wood, iron, steel, concrete, etc.; after polymerization, elevated adhesion and cohesion values.
Employment		Bonding - for casting - of connecting elements between preformed metal and wood/cls structures.
Application		For casting or injection with suitable equipment. 2 ÷ 4 mm thickness. Application temperature of 10 ÷ 35 °C and max relative humidity of 90 %.
Provision	Canisters	Component a 3.33 liter or 2 liter canister Component b 1.67 liter or 1 liter canister
Conservation and expiration		The two separated components have a shelf life of at least 12 months, but they must be stored at moderate temperatures.

Test characteristic	Reference regulation	Unit of measure	Values
Specific weight at 23 ± 2 °C	ASTM D 792-66	kg/dm ³	ca 1.45
Stoichiometric ratio by volume	-	A : B =	100 : 50
Pot life at 23 ± 2 °C for 150 cc	ERL 13-70	Minutes	50 ÷ 60
Working time of the mixture at 23 ± 2 °C	ERL 13-70	minutes	25 ÷ 30
Coefficient of linear thermal expansion	ASTM D 696	°C ⁻¹	ca 7.5x10 ⁻⁵
Max glass transition	ASTM D 3418	°C	65
Compression breakage unit load	ASTM D 695	MPa	≥ 80
Flexion-traction breakage unit load	ASTM D 790	MPa	≥ 50
Traction breakage unit load	ASTM D 638	MPa	≥ 38
Cutting breakage unit load	ASTM D 732	MPa	≥ 40
Elastic modulus for compression	ASTM D 695	MPa	≥ 7200
Wood compliance (spruce) by extension	ASTM D 1870	Type of break	100% wood cohesion
Wood/iron flexion-traction breakage unit load		Type of break	100% wood cohesion
Shrinkage	ASTM D 2566	%	ca 0.35 x 10 ⁻³

The test values are obtained in the laboratory and are indicative of material usage.

Cenci Legno sas

headquarters: Piazza Alessandro Volta, 33 - 22100 - COMO - ITALY - tel. +39 (0)31 26.78.13 - fax +39 (0)31 26.78.16

E-mail: cencilegno@cenci.com



Application
outline

STRUCTURAL
ADHESIVE

Xepox 26.3/5

K	how it's composed
γ	what is its mixing ratio
👍	where it is applied
§	how to prepare the structure
B	what equipment
≈	what thicknesses
⌚	hardening time
O	how to protect yourself
#	where to dispose of waste

2 components

component A	3.33	2	Litres
component B	1.67	1	Litres

(by volume) A : B = 100 : 50

⇒ components have been packaged in pre-measured, ready-for-use quantities

For the gluing of parts connecting preformed metal and wood/concrete structures; in the creation of metallic concealed point joints and for the fusion of beam and slat connectors for wood-cement slabs.

- remove any dust with an air blast or industrial vacuum
- remove grease and/or brush the metal
- dry if wet

Blend with a spatula after having thoroughly mixed the two separate parts. Alternatively, use utensils with a double helicoid mixer. Pour or inject into a high pressure electric pump.

approximately **2 ÷ 4 mm**

Differs according to environmental temperatures.
Use is not however recommended in environments with permanent temperatures below 10°C.

It is important to handle products with necessary precaution, wearing the proper protective gear.

Do not litter residue or empty containers but dispose of them in accordance with current regulations.

Cenci Legno sas

headquarters: Piazza Alessandro Volta, 33 - 22100 - COMO - ITALY - tel. +39 (0)31 26.78.13 - fax +39 (0)31 26.78.16

E-mail: cencilegno@cenci.com