

TWO COMPONENTS EPOXY ADHESIVE

RELIABLE

Proven effectiveness evidenced by 35 years of use in timber construction. Available in 400 ml cartridges for practical and fast use, in 3 litre and 5 litre sizes for larger volume joints.

HIGH PERFORMANCE

High-performance two-components epoxy adhesive. It allows connections with a stiffness unmatched by mechanical connection systems.

DAILY USE

Also suitable for everyday use, such as for repairs, filling holes or restoring damaged portions of timber.



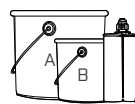
VIDEO



CALCULATION
TOOL

CE
EN 1504-4

SIZES



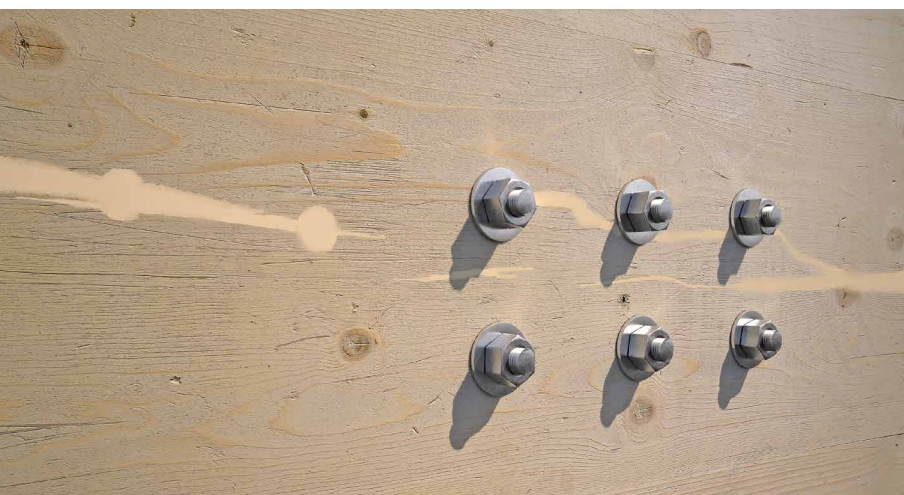
in 3 and 5 litre drums or 400 ml cartridges

APPLICATION

applicable by spray, brush, percolation or spatula depending on viscosity

VIDEO

Scan the QR Code and watch the video on our YouTube channel



FIELDS OF USE

Glued joints for panels, beams, columns, tie rods and studs.

Application with glued rods.

Application with glued plates for rigid shear, moment and axial action joints.

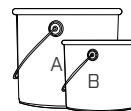
Repair or consolidation of damaged timber elements.

CODES AND DIMENSIONS

XEPOX P - primer

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXP3000	P - primer	A + B = 3000	A+B = 101.44	drums	1

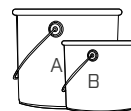
Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2; Component classification B: Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 3.



XEPOX L - liquid

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXL3000	L - liquid	A + B = 3000	A+B = 101.44	drums	1
XEPOXL5000	L - liquid	A + B = 5000	A+B = 169.07	drums	1

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2; Component classification B: Acute Tox. 4; STOT RE 2; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1.

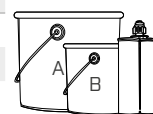


XEPOX F - fluid

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXF400⁽¹⁾	F - fluid	400	13.53	cartridge	1
XEPOXF3000	F - fluid	A + B = 3000	A+B = 101.44	drums	1
XEPOXF5000	F - fluid	A + B = 5000	A+B = 169.07	drums	1

⁽¹⁾ 1 STINGXP mixing nozzle included per XEPOXF400 cartridge.

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1A; Aquatic Chronic 2; Component classification B: Acute Tox. 4; STOT RE 2; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1A.



XEPOX D - DENSE

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXD400⁽¹⁾	D - dense	400	13.53	cartridge	1

⁽¹⁾ 1 STINGXP mixing nozzle included per XEPOXD400 cartridge.

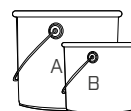
Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2; Component classification B: Repr. 1B; Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 2.



XEPOX G - gel

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXG3000	G-gel	A + B = 3000	A+B = 101.44	drums	1

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2; Component classification B: Acute Tox. 4; Skin Corr. 1A; Eye Dam. 1; STOT SE 3; Skin Sens. 1; Aquatic Chronic 3.



COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
MAMDB	double cartridge gun	1
MAMDBPOWER	cordless gun for double 400 mL cartridges	1
STINGXP	mixing nozzle	1



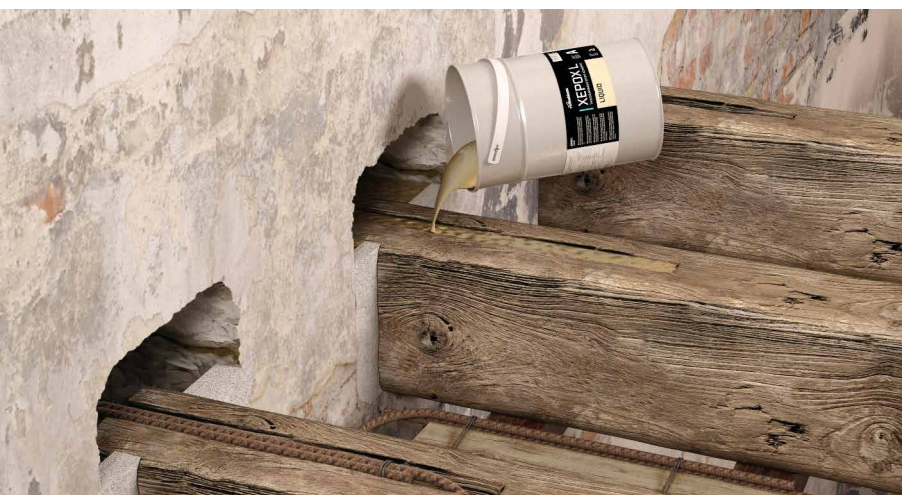
MAMDB



MAMDBPOWER



STINGXP



STRUCTURAL

Excellent for the construction of multi-directional rigid joints, with glued plates or rods.

STATIC CONSOLIDATION

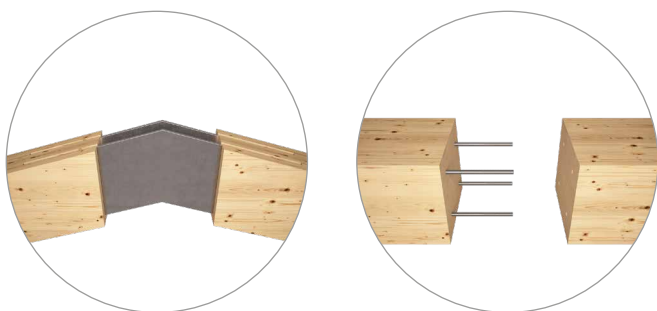
Can be used to rebuild "timber material" in combination with metal rods and other materials.

■ FIELD OF USE

The mixture of components A and B causes an exothermic reaction (heat development) and, once hardened, forms a three-dimensional structure with exceptional properties, such as: durability over time, interaction with no humidity, excellent thermal stability, great stiffness and strength.

The different viscosities of XEPOX products guarantee versatile uses for different types of joints, both for new constructions and for structural recoveries. The use in combination with steel, in particular plates, sandblasted or drilled, and rods, allows to provide high strength in limited thickness.

1. MOMENT CONTINUITY JOINT



2. TWO- OR THREE-WAY CONNECTIONS



3. TIMBER JOINT

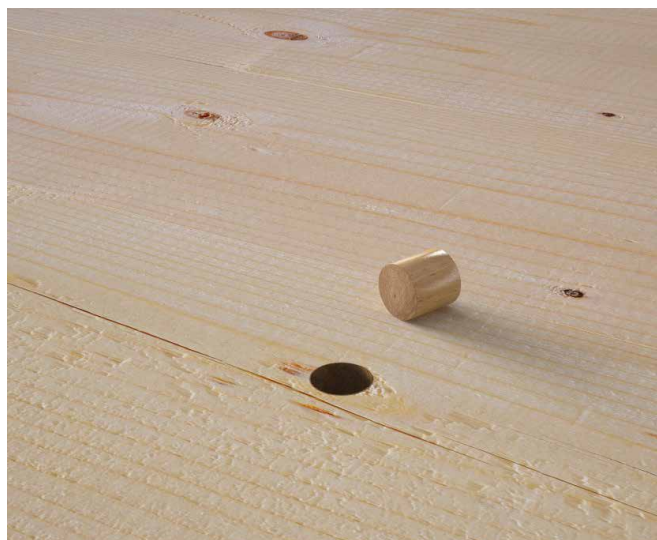


4. REHABILITATION OF DAMAGED PARTS

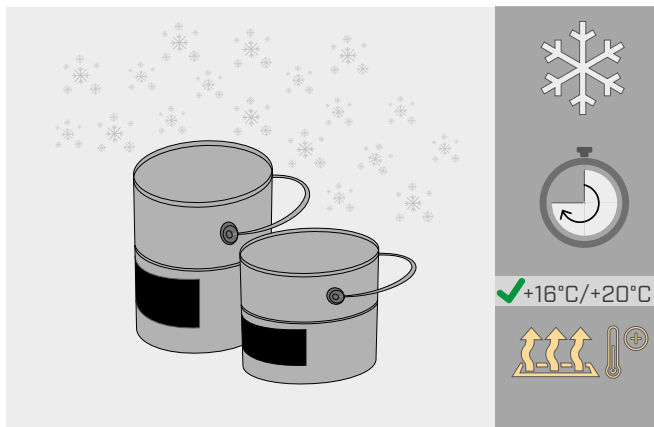


■ AESTHETIC IMPROVEMENTS

The cartridge format also allows it to be used for aesthetic adjustments and gluing in small quantities.



APPLICATION AND CONSERVATION TEMPERATURE

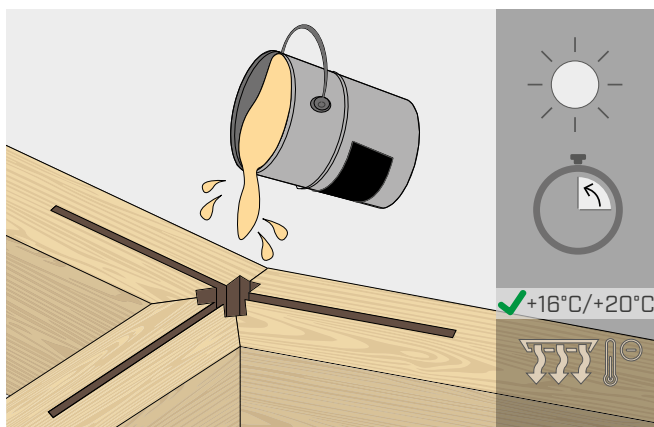


ADHESIVE CONSERVATION

Epoxy adhesives must be stored at moderate temperatures, both in winter and summer, until use (ideal temperature: +16°C to +20°C).

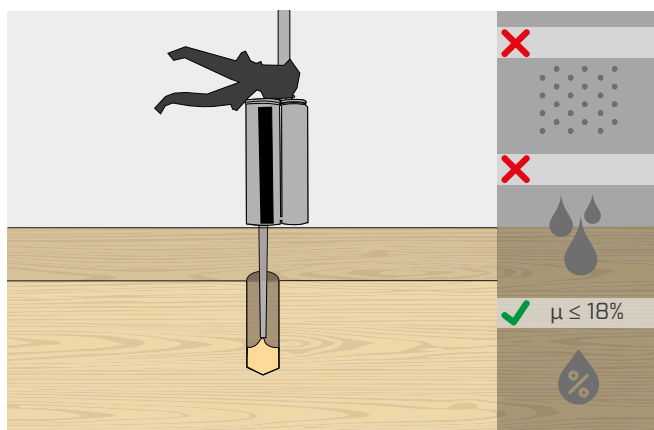
Extreme temperatures can cause the separation of individual chemical components, increasing the risk of incorrect mixing. Direct exposure to sunlight significantly reduces curing time.

Storage temperatures below 10 °C increase the viscosity of adhesives, making extrusion or percolation very difficult.



ADHESIVE APPLICATION

The ambient temperature has a significant influence on curing time. It is recommended to perform structural bonding at an ambient temperature of $T > +10^{\circ}\text{C}$, ideally around 20°C . If temperatures are too low, packages must be warmed for at least one hour before use, and longer wait times should be respected before applying the load. If temperatures should be too high ($> 35^{\circ}\text{C}$), glueing should be carried out in cool places, avoiding the hottest hours of the day, considering a significant reduction in curing time. Failure to comply with these requirements may compromise the structural performance of the joint.



ROUTING AND HOLE TREATMENTS

Before applying the adhesive, drilled holes and recesses in the timber must be protected from rainwater and high humidity, and cleaned using compressed air.

If the surfaces to be resin-coated are damp or wet, they must be completely dried before application.

XEPOX adhesives are recommended for use on timber with a moisture content below 18%.