



DESCRIPTION

Tecsel® Adhesive is a water-base glue with inorganic components that coats glued items with a completely incombustible film.

Tecsel® Adhesive increases fire resistance of the glued items to enable them to withstand temperatures of up to 1200 °C.

GENERAL DATA

TECHNICAL DATA	
Type of product	Refractory glue with chemical binding
Pyrometry	1.300 °C
Main component	Silicate
Maximum particle size	40 micron
Bonding	Mechanical and chemical
Colour	Cream
Presentation	Mastic-type Paste

PHYSICAL PROPERTIES	
Density	1,65
Ph	9 - 11,5
Temperature limit	1.200 °C
Viscosity at 20 °C (cylinder - speed 7 -50 r.p.mn)	From 52.000 a 57.000 mPa.s

CHEMICAL ANALYSIS

FLUORESCENCE X ON SAMPLE BURNT AT 1.000°C/5 H	
Composition	Medium
SiO ₂	57 - 61 %
Al ₂ O ₃	23 - 26 %

TYPICAL APPLICATIONS

Tecsel® Adhesive adheres to the following materials:

- Tecbor® boards.
- Concrete brickwork.
- Iron.
- Galvanised sheeting.
- Aluminium.
- Plywood.
- Polyurethane.
- Ceramic fibre.
- Rockwool.
- Polystyrene.

APPLICATION METHOD

Tecsel® Adhesive comes ready to use (no need to add anything to the glue).

The surface onto which it is applied, must be free from dust and leftovers for effective adherence.

Stir the glue so that the components are evenly mixed.

Apply uniformly over the materials to be glued.

Always apply **Tecsel® Adhesivo** cold.

Specially designed for application with spatula.

Drying time depends on the relative humidity of the ambient air and the porosity of the materials.

Drying time can be made shorter with well-ventilated dry air and higher ambient temperatures (do not exceed 50 °C).

Application tools are cleaned with water.

Tecsel® Adhesive is intended for indoor use, since it dissolves when in permanent contact with water.

PACKAGING

Tecsel® Adhesive is supplied in 22,5 kg. For other formats - consult us.

STORAGE

Tecsel® Adhesive keeps for 12 months in the original sealed packaging.

Keep away from temperatures below 0 °C or excessively high temperatures

SAFETY AND HYGIENE

Safety goggles must be worn when applying **Tecsel® Adhesivo**.

Respect standard work hygiene.

Refer to the safety data sheet.

NOTE:

The indications and technical data on this sheet are based on our current knowledge and experience and we decline all responsibility for consequences arising from improper use.

Therefore, our guarantee is limited exclusively to the quality of the product supplied.

This Data Sheet may be updated without prior notice.

(Request updated version if necessary).