



SINTESEL WOOD

DATA SHEET
01/2020

DESCRIPTION:

Synthetic siliconized sealant.

PROPERTIES:

- Excellent adherence on plaster, cement, brick, drywall, aluminium, PVC, ceramics and glass.
- Easy application from 5°C to 50°C.
- Stays flexible in the -10 ° C to 80° C temperature range.
- Forms skin fast.
- It may be varnished and painted.
- In fresh, it is eliminated easily with water.
- Without smell.
- It does not leave "tack".
- It does not blacken.

APPLICATIONS:

- Sealing of joints between wood pieces (laminated flooring wardrobes, worktop and cooking tops, baseboard, etc.).
- Sealing of joint between wood and construction (doors, windows, etc.).

Not to apply on iron or receives without protecting Joints
Do not apply on joint deformities greater than 10%, and immersion joints.

CERTIFICATIONS:

CE Mark: EN 15651-1 F- INT Dop n°: 0000000003 <http://ce.selena.com/>



TECHNICAL FEATURES:

| Uncured SINTESEL WOOD: | | | Cured SINTESEL WOOD (4 weeks at 23°C and 55% de h.r.) | | |
|---------------------------|---------------------------|------|--|----------------|-----------|
| Appearance | Homogeneous creamy paste. | | Appearance | Flexible solid | |
| Density (23°C DIN 53217): | g/cm ³ | 1,05 | Elastic Recovery (ISO 7389): | % | < 60 |
| Slump (ISO 7390): | mm | 0 | Shore A hardness (ISO 868) | 50 | |
| | | | Tensile strength (ISO 37): | MPa | 1,4 |
| | | | Elongation at break (ISO 37): | % | 500 – 600 |
| | | | Movement accommodation factor: | % | 10 |
| | | | Temperature range in service: | °C | -20 / 80 |
| | | | UV and outdoors Tolerance: | Good | |
| | | | Pollution tolerance: | Good | |



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INSTRUCTIONS:

Dimensioning joints:

For stressed joints, distance between joints should at least be 6 times greater than maximum expected movement.

Forming joints:

A separator is required at the base of the joint to avoid unwanted adherence related tension stress points appearing.

Base-less joints will require some supporting material being applied, such as, for example, **POLITEN-CEL**, a closed-cell expanded polyethylene strip, which avoids atypical sealant elongations occurring and allows for standard sealant depth. To ensure adequate geometry at the base of the joint, i.e., that spreading is a regular as possible, it is suggested that **POLITEN-CEL** strip diameter be, at least, 25 % greater than the width of the joint.

Sealant depth should be equal to, at least, half the width of the joint and, under no circumstances, be less than 8 mm.

Surface finishing should be effected with a flat spatula, in such a way that the freshly-applied sealant is smooth and even.

Preparing the joint:

In readiness for sealing, surfaces should be solid, dry and free of dust, grease and residue from previous sealants or other foreign matter. Mechanical cleaning is recommended in ensuring properly-conditioned joints, as well as oil-free solvent cleaning, to eliminate oils and other greasy substances.

How to apply:

Cut off the end of the cartridge cap, screw on the nozzle and bevel cut to the required length. Fit cap and nozzle onto the sealant gun. Run the end of the nozzle along the joint while, at the same time, applying the **SINTESEL WOOD** sealant. Smooth surface with a flat spatula, packing the sealant along the joint. Protect the sealant of the action of rain during the 2 or 5 hours following to its application.

Painting over:

SINTESEL WOOD may be varnished and painted. Paints or varnished too rigid or inflexible may cause cracks to form in the sealant.

Yield:

In the case of formed joints, the following formula may be considered applicable:

$$L = \frac{C}{W \times D}$$

Where:

C = content of the package

L = Length of joint to be sealed, in m.

W = Width of joint to be sealed in mm.

D = Depth of the joint to be sealed, in mm.

STORAGE:

If store somewhere dry and aired, the product will can be stored for at least 36 months, while it remains unopened.

PRESENTATION:

Plastic cartridges 300 ml and plastic tubes 125 ml.

COLOURS:

| | | |
|---------|----------|--------------|
| Pine | Beech | White |
| Sapelly | Cherry | Light grey |
| Oak | Walnut | Dark grey |
| Wengue | Chestnut | Linen Cancún |

CLEANING:

While the sealant is still wet, any tools used to apply the product may be cleaned with water. Once dry, mechanical cleaning is the easiest method.

HEALTH & SAFETY:

SINTESEL WOOD contains volatile monomers analogous to those present in water-based paints. For enclosed spaces it is, therefore, imperative that the room be aired. To avoid irritation, avoid all contact with eyes and skin while the sealant is wet. If contact occurs, wash affected areas with copious amounts of water and, if necessary, seek medical advice.

DO NOT WASH HANDS WITH SOLVENTS.

Use gloves and wash stains off with industrial detergents while sealant is still wet.

For more information request Safety Data Sheet.

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Quilosa - Selena Iberia S.L.U.

Centro empresarial Rivas Futura, C/ Marie Curie 19, Planta 6.1, 28521 Rivas, Madrid, Spain,
Tel: +34 902 02 18 02 – Fax: +34 914 999 796, info@quilosa.es, www.quilosa.com