



ONE-COMPONENT CLEAR SEALANT

- Crystal clear sealant
- Non-yellowing - excellent resistance to UV
- Environmentally friendly
- Free of isocyanates and solvents - no hazard symbols
- No bubble formation
- Permanently flexible over a wide range of temperatures



Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Xintex is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Xintex products provide, relates only to the standard conditions of sale of this product. In no case Xintex can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

SFC

General Information

SEAL & FIX CRYSTAL is one component, non-sagging, elastic SIMP (Silyl Modified Polymer) adhesive. It cures under the influence of atmospheric moisture to form a high performance, permanently flexible elastic sealant.

SEAL & FIX CRYSTAL is solvent- and isocyanate free and has no VOC.

SEAL & FIX CRYSTAL is odourless and does not form bubbles during and after application. It is perfectly resistant to UV rays and is non-yellowing.

Technical Information

Physical state: Paste
Colour: transparent
Odour: characteristic
Relative density 1.04 - 1.08
Water solubility: practically insoluble
Dynamic viscosity: 6,000 - 95,000 Pa·s
Chemical nature: SIMP - Silyl Modified Polymer
Curing mechanism: moisture-curing
Curing through volume (at 23°C and 50% RH): approx. 3,2mm
Shore Hardness A (DIN 53505): approx. 44 N/mm²
Density (at 23°C and 50% RH): approx. 1,06 g/cc
Tack-free time (at 23°C and 50% RH): approx. 35 min
Elastic modulus at 100% (ISO 37 DIN 53504): approx. 1,4 N/mm²

Tensile strength (ISO 37 DIN 53504): approx. 2,8 N/mm²
Elongation (ISO 37 DIN 53504): approx. 230%
Application temperature: -5°C - +40°C
Temperature resistance: -40°C/+80°C, with brief point at +120°C
Shelf life: 12 months in its original packaging (unopened)
Storage: at 5°C - 25°C in a cool, dry place; keep away from wet areas, direct sunlight and heat sources

Application and Use

- APPLICATION:
 - Crystal clear sealing and bonding between different materials
 - Elastic bonding between metal, plastic, glass and other materials
 - Sealing joints in vertical and horizontal applications
 - High mechanical/dynamic stress resistance - shock/impact resistance
 - Increase torsional stiffness of final assembly
 - Vibration and sound damping bonding
 - Suitable for indoor and outdoor use
- USE:
 - Surface to be treated must be clean, dry and free from dust and grease
 - Primers may be required on some substrates and in certain application cycles
 - May be painted over (make a compatibility test beforehand)
 - Drying time of alkyd resin based paint may increase

Article nr	Name	Content	Shelf Life	Catalog
X569701	Seal & Fix Crystal	290ml	see imprint + 12 months	ADHESIVES AND SEALANTS



TECH-MASTERS TRADING GMBH

Perfektastraße 55, 1230 Wien, Austria, Tel +43 (0) 1 / 867 29 07
Fax +43 (0) 1 / 867 29 93, E-Mail office@tech-masters-trading.com

WWW.XINTEX-GROUP.COM

