



SELSIL ULTRA CLEAR

1. Product Description

Ultra Clear is one component, moisture curing, high performance hybrid based sealing material.

Ultra Clear is a new generation isocyanate-solvent free sealant that brings together all the mechanical properties of polyurethane and silicone sealant.

2. Properties

- Easy application
- Solvent and isocyanate free
- Non sag
- No bubble formation
- Excellent UV resistance, weathering and aging
- Resistant to chemicals.
- Very good adhesion to most construction materials.
- Low VOC

3. Technical Information

Chemical Base:	Silane Terminated Polymer
Specific gravity: (SEL DM 04)	1,05 ±0,03 g/cm ³
Tack free time: (25°C and 50% R.H)	approx. 35 min.
Shore Hardness: (SEL DM 07)	35±5
Elongation at Break: (SEL DM 05)	300%
Tensile Strength: (SEL DM 05)	1,9 MPa
Modulus: (SEL DM 05)	1,8 MPa

4. Application Details

Application Temperature:	+5 °C to +35 °C
Temperature Resistance:	-40 °C to +90 °C



The application surface must be solid, clean, dry and free of dust, oil and grease.

Ultra Clear is suitable for mounting and pasting of materials such as metal, aluminum, glass, plastic, wood with each other.

It can be used for construction industry, both indoors and outdoors as elastic adhesive and sealant;

- Connection joints of glass and metal structures,
- Repair of ceramic / mosaic tiles
- Kitchen and bathroom sealing applications (glass, mirror adhesion applications)

Selsil Ultra Clear cannot be used on bituminous substrates, natural rubber, EPDM rubber, PE, HDPE, Teflon, Delrin or on other building materials which might bleed oils, plasticizers or solvents which could attack the sealant.

Do not apply on frozen surfaces.

Avoid contact with alcohol and solvents during curing.

Selsil Ultra Clear can be tooled with putty knife to smooth the joint immediately after application

Avoid any contact with non-cured hybrid sealant during curing.

Do not use in applications where continuous water immersion is possible.

It can be cleaned with solvents before curing. Cured material can only be removed mechanically.

Joint dimensions

Min. width: 5 mm

Min. depth: 5 mm

Recommendation sealing: joint width = 2x joint depth.

Backing rods can be used for large joint dimensions to prevent triple bonding

5. Packaging

Sausage, cartridge

Colors

Transparent

6. Shelf Life

Store the product in a cool and dry place.

The shelf life is 12 months at temperatures between +5°C and +25°C.

7. Caution



Keep out of reach of children.

Avoid contact with skin.

8. Health and Safety

For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.