

## 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
- \* Environment friendly
- \* Solvent and isocyanate free
- \* Non sag
- \* No bubble formation
- \* Excellent UV resistance, weathering and aging
- \* Exceptional thixotropy
- \* Resistant to chemicals.
- \* High adhesion property
- \* Paintable with all types of paints. (including water-based paints)
- \* Very good adhesion to most construction materials.

## 3. Technical Information

Chemical Base:	Silane Terminated Polymer
Specific gravity: (ASTM D 1045–86)	1,02 ±0,03 g/cm <sup>3</sup>
Tack free time: (25°C and 50% R.H)	approx. 35 min.
Shore Hardness: (ASTM D 53505)	35±5
Elongation at Break: (DIN 53504)	300%
Modulus :	0,8 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)
- Filling of small leaks (under water applications included).

#### **5. Packaging**

Sausage, cartridge

#### **6. Colors**

Transparent

#### **7. 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.

#### **8. Caution**

Keep out of reach of children.

Avoid contact with skin.

#### **9. 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.