

## Tru-Flex Polyurethane Waterproof Weather Sealant

### Product Description

The Tru-Flex polyurethane weather sealant is a versatile and durable solution designed for sealing joints in a variety of construction and repair applications. As a low modulus sealant, it offers excellent flexibility, accommodating the expansion and contraction of building materials without cracking or losing adhesion. This makes it ideal for use in environments subject to temperature fluctuations or movement. Its polyurethane composition ensures robust performance, providing strong resistance against weathering, chemicals, and UV exposure. Tru-Flex is particularly effective for sealing joints in concrete, masonry, and metal, offering a long-lasting barrier against moisture and air infiltration. Whether used in residential, commercial, or industrial projects, this sealant is engineered to maintain its integrity over time, ensuring a reliable and high-quality finish.

### Packing

| Packing                                                                             | Colour                  | Quantity/ctn |
|-------------------------------------------------------------------------------------|-------------------------|--------------|
| 600ml                                                                               | White, Black, Grey etc. | 12 Sausages  |
|  |                         |              |

### Technical Data

|                                 |     |                                    |         |
|---------------------------------|-----|------------------------------------|---------|
| Model Clas                      |     |                                    |         |
| Extrudability (ml/min)          |     |                                    |         |
| Density                         |     | ≥80                                |         |
|                                 |     |                                    |         |
| Tack free time<br>ASTM C 679-87 |     | 45-120min, depending<br>on weather |         |
|                                 |     |                                    |         |
| Hardness Shore A<br>ASTM C 661  |     | 27                                 | 58      |
| Tensilestrength                 |     | 2.3                                | 3.0     |
| Modulus(100%                    | 23  | ≤0.4Mpa                            | >0.4Mpa |
| Elongation)                     | -20 | ≤0.6Mp                             | >0.6M   |
| Elastic Recovery                |     | ≥70%                               |         |
| Elongation at break             |     | 950%                               | 650%    |
| Anti-mould                      |     | 0-1 class                          |         |

### Safety & Storage

- Keep contents out of reach of children. In case of contact with eyes, please rinse eyes thoroughly and seek medical advice as soon as possible
- 9 months stored at dry below 25°C unopened in original containers.

|                                                                   |             |
|-------------------------------------------------------------------|-------------|
| Application Temperature                                           | 5-35°C      |
| Service Temperature                                               | -40-90°C    |
| Tensile properties at maintained extension(after water immersion) | No breaking |
| extension-hotcompression)                                         | No breaking |

### Special Characteristics

- Excellent adhesion on all cement-based materials, brick, glazed brick, metal and wood.
- Neutral, no pollution and curing under normal temperature.
- Non toxic and anti-mould.
- Excellent durability.
- High abrasion resistance and tear strength.
- Good weathering and water resistance.
- Good slump resistance, non-sag.
- Apply directly on site, no need mix.
- Can be painted, good compatibility with paints.
- No corrosion.

### Typical applications

Tru-Flex sealant is a versatile product commonly used in various applications due to its flexibility, durability, and excellent adhesion properties. One of its primary uses is in the construction and maintenance of roads and highways, where it effectively seals cracks and joints to prevent water infiltration and subsequent pavement deterioration. Additionally, Tru-Flex sealant is often employed in roofing projects to seal around flashings, vents, and skylights, offering protection against leaks and weather damage. In the realm of building construction, it is used for sealing expansion joints and gaps in walls and floors, particularly in areas subject to movement or vibration. Its flexibility also makes it suitable for applications in automotive and marine industries, where it can be used to seal seams and joints exposed to varying temperatures and conditions. Overall, Tru-Flex sealant is valued for its ability to maintain strong, flexible seals in a wide range of environments and applications.



### Surface work area preparation

All surface areas to be sealed must be cleaned prior to application, free of dirt, dust, grease as to not compromise the bonding of the sealant to the surface.

### Precautions

Trubond Tru-Flex will bond to most common construction materials and surfaces. However, tests should be conducted to ensure no adverse affects on surfaces.



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