

# TECHNICAL DATA SHEET

**0893 710 010 / 0893 710 011**

## **Flexible tape adhesive plus**

### **Fields of application:**

Flexible tape adhesive plus can be used as an adhesive sealing substance for permanently elastic, air-tight joints and component bonding/sealing of Würth SK and Vario active sealing tapes, as well as sealing strips on the inside of frame profiles and window or door reveals – in line with RAL assembly as well as German Energy Saving Regulation EnEV 2016.

### **Surfaces:**

Excellent adhesion to traditional absorbent wood and construction materials, ceramics, metals, duroplastics, thermoplastics and polyolefin films (PE and PP films).

### **Properties:**

- Very low emissions
- Fast functional strength
- Thixotropic setting prevents dripping during vertical bonding – "overhead application" possible
- Excellent adhesive range
- Usable down to  $-5^{\circ}\text{C}$  (material and environment)
- Freeze resistant down to  $-30^{\circ}\text{C}$
- Can be used without clamping batten in line with DIN 4108-7 (2011-01) for joints and connections in new and renovated buildings
- Window joint tape can even be bonded on slightly damp, dusty, absorbent surfaces
- Permanently elastic and moisture resistant
- Good early rain resistance
- High adhesive strength after full hardening time
- Solvent-free



# TECHNICAL DATA SHEET

## Certificates/test reports:

- **GEV:** Classified as EMICODE class EC1<sup>PLUS</sup> in accordance with GEV criteria (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e. V. – German Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials e. V.)

## Application:

The application surfaces must be solid, clean, dry and free from grease and oil.

Cut off thread cap, screw on nozzle and cut to the required strand width. Apply the adhesive using a suitable application gun.

The flexible tape adhesive plus is applied to a 6 to 8-mm thick bead on the window joint tapes or to the load-bearing construction material (also possible on slightly damp, dusty, absorbent surfaces).

The tapes are then bonded while the adhesive bead is still wet and pressed lightly to fix in place. The curing time (drying process) varies depending on temperature and humidity.

## Technical data:

|                        |  |
|------------------------|--|
| Chemical basis         | Modified acrylate polymer dispersions  |
| Colour                 | Saffron yellow (similar to RAL 1017)   |
| Viscosity*             | Medium viscosity, paste-like   |
| Density* (EN 542)      | Approx. 1.40 g/cm <sup>3</sup>   |
| Processing temperature | Material: from -5 °C to +40 °C<br>Cartridge: from +5 °C to +35 °C  |
| Temperature resistance | -30 °C to +80 °C   |
| Curing speed           | Approx. 1 mm/24 hours (depending on the absorbency and bead thickness of the materials)                  |
| Shelf life             | 12 months, at +15 °C to +25 °C, dry and away from direct sunlight (tightly sealed in original container) |

\* at +20 °C

# TECHNICAL DATA SHEET

## Application quantity/adhesive yield

| Diameter of adhesive bead | 310-ml euro cartridge | 600-ml tube bag     |
|---------------------------|-----------------------|---------------------|
| 4 mm                      | 24.7 running metres   | 47.7 running metres |
| 5 mm                      | 15.8 running metres   | 30.6 running metres |
| 6 mm                      | 11.0 running metres   | 21.2 running metres |

## Remarks:

- Please note the notes on application of the system warranty.
- Flexible tape adhesive plus is not self-adhesive and is therefore not suitable for contact bonding procedures. One of the material surfaces must be absorbent.
- It is important to note that no overlapping window joint tapes are processed.
- For optimum bonding on construction materials, material surfaces must be as dry and dust-free as possible; dispersion adhesives harden by giving off moisture (physical drying). This means that the construction material must be sufficiently absorbent to guarantee the curing, and subsequent function, of the flexible adhesive tape plus. Depending on the dry substance and viscosity, dispersion adhesives can also bond slightly dusty surface materials.
- When bonding window joint tape outdoors, ensure that, despite the largely increased "resistance to rain after application of flexible tape adhesive plus", intensive moisture loads, e.g. through continuous rain or humidity, are avoided.
- In addition, appropriate measures must be taken to ensure that no increased condensation obstructs/prevents the hardening of the flexible tape adhesive plus after the bonding has been carried out, e.g. adequate ventilation in indoor areas. The hardened flexible tape adhesive plus is generally very water resistant, however, applications in areas with consistently high air humidity, e.g. swimming pools or other wet areas, must be avoided.
- Flexible tape adhesive plus:
  - Must not come into contact with flexible tape adhesive, EPDM sealing tape or uncured PU foam when wet
  - Must not come into contact with butyl strips
  - Must not be used on surfaces that have been pre-treated with butyl/bitumen primer

# TECHNICAL DATA SHEET

This advice is based on our own research and experience. It is provided in good faith and can be considered reliable. However, due to the diverse processing, application and handling possibilities, the information provided cannot be considered legally binding. The same applies to the information provided by our technical and commercial customer service.

We recommend that users of our products perform their own tests in order to determine whether our products are appropriate for the respective use and environment. We guarantee the consistent quality of our products. We reserve the right to implement technical changes and improvements.