



# Adhesives & Sealants

## BONDFLEX 360 PRO+

Technical Data Sheet

Reviewed: 06.06.2025

### DESCRIPTION

**BONDFLEX 360 PRO+** is a multi-purpose polyurethane based elastic adhesive and joint sealant for sealing and bonding both internally and externally. Its high-quality, one-component formulation ensures permanent bonding as well as waterproofing in joints of building and general constructions. It has good adhesion to most building materials.

### ADVANTAGES

- Excellent bonding
- Permanent waterproofing
- Highly elastic
- Rapid curing
- High UV protection
- Good weather resistance
- High mechanical strength
- Excellent adhesion
- Silicone-free
- Can be painted

### APPLICATIONS

- Sealing of floor joints and connection joints in building constructions
- All usual building joints with medium to high movement (min. width: 4 mm)
- Connection joints between window - doorframes and walls
- Sealing joints of bituminous waterproofing membranes
- All sealing and bonding applications in building and metal industries
- Elastic joint sealing in building structures
- Structural anti-vibration bonding and sealing in constructions subjected to shocks and vibrations
- Bonding and waterproofing of metal joints
- Bonding and sealing of roof tiles
- Most types of structural bonding and waterproofing

### INSTRUCTIONS FOR USE

1. Surfaces must be clean, free of dust and grease
2. Apply **PRIMER PU 900** for applications on porous surfaces. Apply directly without a primer on most non-absorbent surfaces – a suitability testing is recommended before application.
3. Use caulking gun
4. Finish with soapy water before skin formation
5. Cured material may be painted with most paints.

**A suitability test is recommended.**

**Not recommended for applications on PVC & glazing applications.**

### JOINT SIZE

**Minimum thickness:** 5mm

**Maximum Width:** 30mm

**Minimum Depth:** 5mm

**Recommendation:** 2 X depth = width

### REMARKS

**BONDFLEX 360 PRO+** is very elastic while most paints are not. Therefore the painted surface may crack in joints with movement. Because of the diversity of paints available a compatibility test is

recommended before application. Not compatible with alkyd-based paints.

**BONDFLEX 360 PRO+** must not be applied to frost-bearing surfaces or if temperature will fall below freezing.

### CLEANING

Clean all equipment with white spirit immediately after use

### TECHNICAL CHARACTERISTICS

**Base:** Polyurethane

**Color:** White, gray, black, others upon request.

**Consistency:** Paste

**Curing System:** Moisture Cure

**Skin formation (20°C/ 65% R.H.):** 50 min.

**Curing Rate (20°C/ 65% R.H.):** 3mm /24h

**Hardness (DIN 53505):** 40 ± 5 Shore A

**Specific gravity (DIN 53479):** 1,35 ± 0,05 gr/ml

**Temperature Resistance:** -40°C to +90°C.

**Elastic Recovery (ISO 7389):** >80%

**Maximum allowed Distortion:** 25%

**Elasticity Modulus 100% (DIN 53504):** 0,7 N/mm<sup>2</sup>

**Maximum Tension (DIN 53504):** >1,8 N/mm<sup>2</sup>

**Elongation at Break (DIN 53504):** > 700%

**Application temperature:** +5°C - +40°C

### STORAGE

In a cool and dry place at temperatures between +5°C - +25°C

### SHELF LIFE

18 months in unopened packaging in the above-mentioned storage conditions

### PACKAGING

**Alu Cartridges** 310ml **Sausages** 600ml

PACKAGING	CODE	BARCODE
310ml White	4242	5204094042426
600ml White	4243	5204094042433
310ml Gray	4244	5204094042440
600ml Gray	4245	5204094042457
310ml Black	4246	5204094042464
600ml Black	4247	5204094042471

### HEALTH AND SAFETY INFORMATION

Consult recent Safety Data Sheet before application.

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The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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