

# BSS

## HIGH-TECH CONSTRUCTION ADHESIVE FOR ADHERING AND ASSEMBLY

- Superior setting.
- 1-component MS-Polymer.
- No need for primer anymore.
- Does not sag.
- For indoor and outdoor use.
- Extreme tensile strength 2,2 MPa.
- Can be applied on humid background.
- Hardens quickly.
- Can be painted over.



# BOND SEAL SUPER

## General Information

BOND SEAL SUPER is the most high tech adhesive kit with an extremely quick and very powerful setting on the widest range of materials. This solvent and isocyanate-free assembly adhesive has a very high tensile strength and does not show signs of ageing.

BOND SEAL SUPER is neutral and acid-free, and can be used on a variety of materials, even natural stone. BOND SEAL SUPER allows for 40 mm adhesive strips without any deformation.

## Technical Information

Basis: MS-polymer.  
 Physical state (at 20°C): Liquid  
 Appearance: Paste  
 Odour: Odourless  
 Color: according to the markings on the package  
 Application Temperature: + 5° C / + 40° C  
 Application rate (2,5 mm / 6,3 bar): 20 g/min  
 Flow (ISO 7390): < 2 mm  
 Boiling point (at atmospheric pressure): < 34°C  
 Vapour pressure (at 20°C): 93 Pa  
 Vapour pressure (at 50°C): 482,44 Pa (0,48 kPa)  
 Density (at 20°C): 1.658 kg/m<sup>3</sup>  
 Relative density (at 20°C): 1,658  
 Kinematic viscosity (at 40°C): > 20,5 cSt  
 Solubility properties: Soluble in organic solvents

Flash point: > 180°C  
 Autoignition temperature: ≈420 °C  
 Skin over time (23° C / 50% RH): 15 min.  
 Curing after 24 hours (23° C / 50% RH): ± 2-3 mm/24 hours.  
 UV, weather and water resistant: yes  
 Frost resistant till -15° C during transport: yes  
 Temperature resistance after curing:  
 - 40° C / + 90° C  
 Mechanical properties: 2 mm film  
 Shore-A hardness (3s, DIN 53505): 60  
 100% Modulus (DIN 53504): 1,39 MPa  
 Tensile strength (DIN 53504): 2,2 MPa  
 Elongation at break (DIN 53504): 335 %  
 VOC content: 2,23-2,34 % (35,6-36,1 g/l)

## Application and Use

- For very quick assembly of the most varied building, automotive and construction materials.
- Excellent adhesion of many substrates in the construction industry: Glass, Mirrors, glazed surfaces, enamel, epoxy, Polyester, Polystyren, panels, rigid PVC, Stainless steel, anodized aluminum, Stones, Concrete, Wood,...
- Always apply on a clean, non-greasy surface, it can even be wet.
- Use temperature +5°C up to +40°C.
- Apply adhesive on one side by dotting and strokes.
- Support is usually unnecessary thanks to its fast setting (test first).
- Press down firmly on adhesive.

Article nr	Name	Content	Section
T534201	Bond Seal Super white	290ml	ADHESIVES AND SEALANTS



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