



## PRODUCT DATA SHEET

# HDBR ADHESIVE

### DESCRIPTION

**HDBR Adhesive** is a ready to use, and high performance multi-purpose sealant. It is a one part, moisture curing, non-sag elastomeric sealant formulated to provide low skin formation and fast cure.

### USES

For bonding and sealing different substrates in the building industry. Primerless adhesion to most common materials such as: glass, anonised aluminium, wood, lacquered metal, concrete and stone.

### BENEFITS

- **HDBR Adhesive** has a high elasticity
- Excellent recovery
- Tear resistant
- Good weatherability
- Easy disposal of used container
- Watertight construction joints

### COLOUR & APPEARANCE

Grey color with pasty appearance



### PACKAGING

600 ml sausage tube.

### INSTALLATION

Clean all joint surfaces of all contaminants and impurities (dust release agents, oil, rust) which may affect the adhesion of the sealant. Grinding mechanical abrading or cleaning with a solvent may be required. Do not apply the sealant under 5°C. For cold weather application, store the tube at 20°C before using.

### YIELD

Each 600ml sausage will cover approximately 5 linear metres of joint sealing at the required thickness of 10mm.

### APPLICATION

**HDBR Adhesive** can be applied by a pneumatic or handgun. The surfaces must be dry, clean and free from dust and oil. Application temperature between 5°C and +35°C. After application the sealant can be finished by using a damp pallet knife.

### ANCILLARY PRODUCTS

- **HDBR Waterbar**
- **HDBR Void Former**
- **HDBR Barrel Gun & Nozzles**



## PRODUCT DATA SHEET

### SHELF LIFE

12 months in unopened packing at temperatures between +5°C and +25°C.

### TYPICAL PROPERTIES

Density at 20°C	1,34 + 0,02
Sagging (ISO 7390)	< 2mm
Application Temperature	5 to 35°C
Skin Formation time at 23°C & 50% HR	20 + 10min
Cure Time Formation time at 23°C & 50% HR	>3mm after 24h (internal method IT-26)
Shire A hardness (internal method IT-20 after ISO 868 – 3 seconds)	>50 at 14 days
Volume Loss (ISO 10563)	<2 %
Temperature Resistance	-40 to +100 for cured sealant
UV Resistance	Excellent
Shrinkage	7% approximately
Staining	None
Weathering resistance	Excellent
Chemical resistance	Good resistance to water, diluted acids and diluted alkalines. Carry out tests beforehand
Storage stability	12 months in the original packaging

### TYPICAL PROPERTIES CONTINUED

Specific Data	Modulus at 100% (ISO 37): Approx 1 MPa  Modulus at break (ISO 37): 1.8 MPa  Elongation at Break (ISO 37): >300%  Tear Strength (ISO 34): Approx 10N/mm
---------------	--