

HIGHSEAL ACRYLIC SEALANT

Single Component High-Quality Multipurpose Non-Sag Acrylic Sealant



PRODUCT DESCRIPTION

HIGHSEAL ACRYLIC SEALANT is a high-quality multipurpose non-sag Acrylic Sealant that on exposure to atmosphere forms a durable elastomeric Compound. HighSeal Acrylic Sealant is manufactured in strict quality assurance systems and with the responsible care program.

APPLICATION

HIGHSEAL ACRYLIC SEALANT bonds well to a wide variety of substrates and are suitable for making permanent elastic seals of high adhesive strength.

- Joints Around Window, Door Frames,
- Wood, Concrete, Granite,
- Aluminum, G I Sheet, M. S. Panel,
- Machinery Surface, Tiles, Coating,
- POP, U.B. Coat.
- Skirting Boards
- Walls and Ceilings.
- External and Internal Crack Filler.
- Concrete Expansion Joints.

FEATURES & ADVANTAGES

- One pack formulation
- Elastic
- Odourless
- Resistant to ageing and weathering exposure.
- Non-Corrosive
- Can be over painted.
- Can be sanded.
- Bonds well to a wide variety of substrates.
- Excellent adhesion.

COLOUR

- White, Black

- Other colours will be available on request

CHEMICAL RESISTANCE

HighSeal Acrylic Sealant is resistant to fresh water, seawater, diluted acids and caustic solution; temporarily resistant caustic solution; mineral oils, vegetable and animal fats and oils; not resistant to organic acids, alcohol, concentrated mineral acids and caustic solution. The above information is offered for general guidance only. Advice on specific application will be given on request.

APPLICATION METHOD

SURFACE PREPARATION

Surfaces must be clean, dry and free from all traces of grease, oil and dust. As a rule, the substrates must be prepared in accordance with the instruction given in.

APPLICATION

- Cut the Tip of Cartridge and fix the Nozzle. Use Cartridge Gun and apply whenever required.
- **Sausage:** Place sausage in the application gun and ship of the closure clip. Cut of the tip of the nozzle to suit Joint width and apply the sealant should be applied with sufficient pressure to the required gap while application with pneumatic gun pressure has to be regulated as per operator skill and requirement.
- Do not apply at temperatures below 0°C or Above 40°C temperature for substrate and Sealant is between 15°C and 25°C.

TOOLING AND FINISHING

Tooling and finishing must be carried out within the tack - free time of the sealant. Other finishing agent or lubricants must be tested for suitability/compatibility.

REMOVAL

- Uncured HighSeal Acrylic Sealant can be removed from tools and Equipment with or another suitable solvent. Once cured, the material can only be removed mechanically.
- Hands and exposed skin should be washed immediately using any hand clean towel or a suitable industrial hand cleaner and water. Do not use solvents or petrochemical solvents.

OVER PAINTING

The paint must be tested for compatibility by carrying out preliminary trials. It should understand that the hardness and film thickness of the paint may impair the elasticity of the sealant and lead to cracking of the paint film.

TECHNICAL DATA

PROPERTIES	RESULTS
Chemical base	Rubber Acrylic
Colour	White/ Black/Grey
Appearance	Thixotropic Paste
Cure Mechanism	Air Drying
Curing Speed	4 mm/24 hours
Density (Uncured)	1.2 - 1.3

Non-Sag Properties		Good
Application temperature		5°C to 40°C
Track free time		15 min
Open time		30 min
Drying time		24 Hrs.
Shrinkage		15 % maximum
Shore A-hardness		30-40 approx.
Tensile Strength		10-12 Kg/cm ²
Elongation at break		300%
Service temperature Short term	Permanent	5°C to 80°C
Shelf life (Storage below 27°C)		6 months

PACKING

600 ml Sausage -20 Pices Box.

QUANTITY ESTIMATOR

Joint Size (mm)	Meters/kg
6 x 6	17
9 x 6	11
12 x 6	8
18 x 10	3.5
25 x 10	2.5

SHELF LIFE

6 months in original unopened packaging stored in a cool, dry place out of direct sunlight. It should be stored below 27° C.

CAUTIONS

- No particular hazards with this product but please consult Material Safety Data Sheet for full information.

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