

General purpose Sealants

Description

NEXO SEAL GENERAL PURPOSE SEALANT is a high-quality multipurpose non-sag Acrylic sealant that on exposure to atmosphere forms a durable elastomeric Compound. NEXO SEAL GENERAL PURPOSE SEALANT is manufactured in strict quality assurance systems and with the responsible care program.

A Green Building Product with Zero Percent VOC

Main Applications

NEXO SEAL GENERAL PURPOSE 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 AND BENEFITS

- One pack formulation.
- Elastic.
- Odour Less.
- 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,
other available on request

Technical Data

Technical Product Data (Typical Values)

Chemical base	Acrylic	
Colour	White/ Black/Grey	
Appearance	Thixotropic Paste	
Cure Mechanism	Air Drying	
Curing Speed	4 mm/24 hours	
Density (Uncured)	1.2	
Non-Sag Properties	Good	
Application temperature	5°C to 40°C	
Track free time	15 min	
Open time	30 min	
Drying time	24 Hr	
Shrinkage	15 % maximum	
Shore A-hardness	30-40 approx.	
Tensile Strength	10-12 Kg/cm ²	
Elongation at break	300%	
Service temperature	Permanent	5°C to 80°C
Short term		
Shelf life (Storage below 27 ⁰ C)	6 month	



Chemical Resistance

NEXO SEAL General Purpose 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, solvents concentrated mineral acids and caustic solution or solvents. The above information is offered for general guidance only. Advice on specific application will be given on request.

Method of Application

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 NEXO SEAL Sealant can be removed from tools and equipments 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.

Further information

Copies of the following publication are available on requests: Material Safety Data Sheets.

Packaging Information

Sausage: 310 ml

Storage Life

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

Health and Safety

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

Important

For information and advice regarding transportation, handling storage and disposal of chemicals products, users should refer to the actual Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Quantity Estimator

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

Technical Support

NEXO SEAL provides technical advisory service supported by teams of specialists in the field.

**URJA SEALANTS PVT. LTD.**

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