



ENISEAL – NS

TWO-PART POLYSULFIDE JOINT SEALANT

DESCRIPTION

ENISEAL – NS is an elastomeric two-part polysulfide joint sealant, which cures to form a tenacious bond to most common building materials and readily accommodates large cyclical movements over a wide range of temperatures.

ADVANTAGES

- Superb flexibility and movement capability up to 25%.
- Adheres to most common building materials.
- Excellent resistance to aggressive weathering.
- Resistance to water, most solvents, and petroleum based products, diluted acids and alkalis.

RECOMMENDED USES

ENISEAL – NS has a Thixotropic, non – sag formulation for joints from horizontal to vertical. It may be used as an exposed joint sealant to most types of building materials such as concrete, brick, glass, steel, aluminum and wood. Typical uses are for crack control and sealing joints in:

- Vertical and horizontal building super structures.
- Subways, basements, floors walls and roof coping.
- Bridges, sea walls and roadways

METHOD OF APPLICATION

INSTALLATION:

JOINT SIZE:

For 5 to 50 mm depth to width ratio should be 1:2 (min.), for joint with skew movement the ratio can be as up to 1:1. Actual width to be at least 4 times of anticipated joint movement.

PREPARATION:

- Surface should be sound, clean, dry, and free from dust or any other impedance to full adhesion.
- Always support by bond breaker, compressible backing strip or other approved backer or filler.
- The use of ENISEAL PRIMER is recommended.

APPLICATION:

- Mix the entire contents of the two components using a slow speed mixer drill at about 450 rpm.
- Ensure that air is not stirred into and trapped in the mixture. Hand mixing is possible but not recommended.
- Mask the joint edges and ensure complete contact between the sealant and the substrate by tooling the surface with a flat knife or spatula. This also removes any entrapped voids.
- Masking tape should be removed immediately after tooling.
- Remove uncured sealant with universal thinners.
- The sealant becomes tack free with initial set within 24 hours. Full cure properties are generally obtained within 7 days.
- Full curing is required before permanent immersion in water.

SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

INHALATION: Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

PACKING

ENISEAL – NS comes in units of base compound and curing agent in a 4 kg pack.

STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C.

Technical Support:



& Polymertech UK Ltd.
CN-07468396
United Kingdom

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