



DURAL 340 SL-IN

CONSTRUCTION AND CONTROL JOINT FILLER AND TRAFFIC LOOP SEALANT **EUCLID CHEMICAL**

DESCRIPTION

DURAL 340 SL - IN is two - component, Semi-rigid PU Epoxy Hybrid joint sealant. DURAL 340 SL - IN is available in a Standard Light Grey colour.

PRIMARY APPLICATIONS

- Filling concrete construction joints
- Control joints
- Wire sealant
- Cracks in concrete
- Traffic loop sealant

FEATURES/BENEFITS

- Protects joint edges and prevents spalling in control joints
- Excellent thermal shock resistance
- Resistance to mild acids/alkalis and incidental contact with aromatic solvents
- High bond strength without primer to dry clean concrete
- DURAL 340 SL - IN is a self-leveling formulation used for horizontal surfaces

TECHNICAL INFORMATION

Material properties tested under laboratory conditions @ 27°C, 50% RH.

PROPERTIES	VALUE
Appearance	Standard light grey
Mix density	1.25-1.35 g/cc
Mixed Viscosity	Min 4500 cp
Gel Time	50 to 60 minutes
Pot Life	30 to 45 minutes
Tack free time	5 to 6 hours
Shore A Hardness, ASTM D2240	60 to 80
Tensile Strength, ASTM D638	5.0 MPa
Tensile Elongation,ASTM D638	Min 95%
Movement Accommodation factor (MAF)	10%

PACKAGING

DURAL 340 SL - IN is packaged in 5 kg composite pack.

SHELF LIFE

12 months in original, unopened, properly stored package.

COVERAGE/YIELD

Guide to Sealant Quantities.

Mixed density-1.25-1.35 g/cc

Joint width (mm) X sealant depth (mm) X Joint length (m) / 1000

DIRECTIONS FOR USE

Surface Preparation: Surface must be structurally sound, dry, clean, free of dust, dirt, grease, oil, coatings, laitance, and other contaminants that would interfere with proper adhesion. Surface should be abrasive blasted, or water blasted. Rout all cracks to at least 0.63 cm wide and deep. Saw-cut joints in concrete and/or asphalt should be thoroughly flushed with water under pressure, the joint should then be blown dry with oil-free compressed air until all debris from sawing is removed from the joint. Joints must be completely dry before installing DURAL 340 SL – IN.

Mixing: Premix Part A and Part B separately and mix thoroughly prepacked Part A (Base) and Part B (Hardener) with a slow speed motor and mixing blade. A drill and Jiffy mixer is acceptable. Do not thin. Scrape the side and bottom of the mixing container to assure uniform and complete mixing. Mix for 2 to 3 minutes. Do not aerate mix.

Application: DURAL 340 SL - IN into the joints with a bulk caulking gun, pressure extruder, or other low pressure extrusion methods. Apply the material from the bottom of the joint upward to minimize voids or air pockets. Any topping off or subsequent retooling of the joint filler should be done prior to the product achieving its initial set. When DURAL 340 SL – IN is used as a traffic loop sealant, start at the highest elevation and pour into the sawed joint until it is filled to 2/3 of its full depth. Allow DURAL 340 SL - IN to settle around the wires. Immediately thereafter make a second application to completely fill the slot. Do not apply when temperature is below 10°C. Allow to cure for 24 hours at 27°C, or longer at colder temperatures, before opening to traffic.

CLEAN-UP

Clean tools and equipment immediately after application with EUCOSOLVENT or acetone. Clean up spills and drips while still wet. Dried DURAL 340 SL - IN will require mechanical abrasion for removal.

PRECAUTIONS & LIMITATIONS

- Store at temperatures between 10°C to 32°C.
- Do not apply to frozen or frost filled substrates, or when the temperature is below 10°C, or expected to fall below that temperature within 24 hours.
- Protect from moisture. Do not apply to exterior surfaces if rain is forecasted within 24 hours.
- Not intended for areas subject to constant immersion.
- Not intended for areas subject to prolonged or strong chemical attack.
- Do not dilute DURAL 340 SL - IN.
- Cure Concrete a minimum of 28 days before application since the sealant acts as a vapor barrier.
- DURAL 340 SL – IN should not be used in expansion joints, or to repair any type of moving cracks.
- Maximum width is 25 mm.
- In all cases, refer the Safety Data Sheet before use.



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