LDC 60
FLUID APPLIED WATERPROOFING MEMBRANE

DESCRIPTION
LDC 60 is a single component, moisture cure modified polyurethane waterproofing membrane. LDC 60 cures to form a seamless, elastomeric waterproof membrane that is positively bonded to the substrate. The inherent toughness and elasticity of LDC 60 enables it to bridge small structural or shrinkage cracks which may develop in the substrate. Its tenacious bond to concrete substrates prevents lateral water migration.

LDC 60 is typically applied by roller, or squeegee. Its fluid application allows it to be easily installed at difficult areas, such as around multiple pipe penetrations and over irregular substrates.

PRODUCT GRADE TYPES
- LDC 60H — Horizontal Grade (self-leveling)
- LDC 60V — Vertical Grade (roller applied)

APPLICATIONS
LDC 60 is designed for below-grade vertical and horizontal surfaces, as well as, subsurface applications above grade. Typical application is between the structural slab and wearing course on parking garages, plaza decks, balconies, roof decks, terraces, mechanical rooms, and fountains. Other applications include concrete foundation walls, masonry block foundation walls, planters, tunnels, and earth-covered structures.

Limitations: LDC 60 should not be used as an exposed or wearing surface. Do not apply to damp or contaminated surfaces. Metal deck pan forming should be vented. Substrate surface temperature should be above 40°F (18°C). Use only with adequate ventilation.

INSTALLATION
Surface Preparation: New concrete should be water cured, troweled, followed by a light, hair broom finish and in place for 14 days minimum, 28 days preferred. If curing compounds are required, use a type that selfdissipates within several days. Surfaces shall be structurally sound, dry, and free of oil, grease, dirt, laitance, curing and release agents, and other contamination which may affect the adhesion of the membrane. Mortar joints on masonry block walls should be struck flush with the block surface.

Detail Work: As required, grind or fill surface at cold joints where each pour is at a different plane. Fill tie-rod holes, honeycombs, rock pockets, spalls or other voids and indentations with non-shrink grout. Clean metal to expose a bright surface. Install a temporary covering to protect the membrane from damage.

Flood Test: After membrane has cured a minimum 36 hours, plug drains and provide necessary barriers to contain flood water. Flood deck with a 1” (25 mm) depth of water and allow to stand for 24 hours. Check for leaks and immediately make repairs if required. Retest after any repairs have been made.

Clean Up: Before LDC 60 cures, stains or spills to adjacent areas can be cleaned with xylene. CAUTION: Do not wash skin with solvents. Xylene is a flammable solvent. Observe solvent manufacturer’s instructions and precautions.

PROTECTION: LDC 60 must be protected from damage after installation. Applicable CETCO protection material should be used per job site conditions. Install protection course on vertical surfaces immediately after membrane has cured (36 hours at 75°F (38°C)). Install protection course on horizontal surfaces immediately following successful flood testing (if required). If flood test is delayed, install a temporary covering to protect the membrane from damage.

Membrane Application: Apply LDC 60 at 25 sq. ft. per gallon (2.3 sq m per 3.7 liters) or as required to obtain 0.060” (1.5 mm) thickness, to the entire area to receive waterproofing, including over all detail coats.

PACKAGING
Both LDC 60V and LDC 60H are available in 5-gallon (18.9 liter) pails; 36 pails per pallet. Pail weight is 60 lbs. (27.2 Kg).

Installation:

On horizontal deck surfaces, the preferred method of LDC 60 H application is with a notched squeegee. On vertical surfaces, the preferred method of LDC 60V application is with a chemical resistant, heavy nap roller. Vertical applications typically require two passes to achieve the proper material thickness.

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## TECHNICAL DATA

### LDC 60

#### FLUID APPLIED WATERPROOFING MEMBRANE

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>LDC 60H TYPICAL VALUE</th>
<th>LDC 60V TYPICAL VALUE</th>
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<tbody>
<tr>
<td>Color</td>
<td>Black</td>
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<td>Black</td>
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<tr>
<td>Tack Free / Cure Time</td>
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<td>16 Hours / 36 Hours</td>
<td>16 Hours / 36 Hours</td>
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<td>Solids Content</td>
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