



GreatSeal LT-100 Liquid Tape



GreatSeal LT-100 LIQUID TAPE is a polyether based, moisture curing, elastomeric, vertical seam sealer. It forms a seamless, monolithic exterior working surface that will keep the structure watertight. Its distinctive blue color allows for quick & easy visual verification that all seams and gaps have been effectively sealed from wind and rain.

GreatSeal LT-100 LIQUID TAPE is for use on ASTM C 1177 exterior gypsum sheathing (Dens Glass Gold®), Foamular®, Styrofoam®, EPS, fiber-board and plywood construction materials. It can be left exposed for up to 6 months. It is compatible with asphaltic materials and can be used with thru wall copper flashing joints.

GreatSeal LT-100 LIQUID TAPE is a non-shrinking, 100% solids, moisture-cure polymer and contains **no solvents**. It skins in one hour, cures completely in three to seven days (cure rate varies with temperature and relative humidity) and is paintable within 24 hours.

GreatSeal LT-100 LIQUID TAPE incorporated into the project allows compliance to International Energy Conservation Code (IECC) mandatory requirements to seal the building envelope (seal all joints between construction material) (Section 502.4.3), mandatory Air Leakage control (Section 502.4) and mandatory Moisture Control (Section 502.5).

TECHNICAL DATA

- Elongation ASTM D412/C1135200%
- Viscosity:non-slump, gun grade mastic
.....750,000 cps @ 72°F
- Skin Over Time: 25 minutes. @ 72°F 40% RH
- Set time (60mil film):1 hour @ 72°F 40% RH
- Appearance:lightly textured, distinctive blue color
- Density:specific gravity = 1.1 or (8.0# / gallon)
- Durometer:27 Shore A
- Odor:mild mint ester
- VOCs:15.7 gr/liter
- Solids:100%
- Exposure: 6 months
- Packaging:Quart tubes only, 12 tubes to a carton



Application: Surface must be hand dry. Apply at temperatures between 40°F and 120°F and below 80% relative humidity. If applying an air barrier coating, LT-100 must be applied before the air barrier coating. Do not apply over an air barrier coating. LT-100 is very fast setting and develops most of its properties within forty-five minutes after application. Apply LT-100 with the special nozzle to form a 3/4" by 1/16" cap seal in one step that becomes tack free in twenty minutes. Or, apply LT-100 in a 1/4" bead and hand-tool to a 3/4" by 1/16" cap seal. It cures to a firm elastomeric rubber seal in one hour. For best finishing performance do not allow un-tooled beads to stand for more than ten minutes.

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