



P.O. Box 599 - Mars, PA 16046  
800-321-3337

# Laurenco Roofing and Waterproofing Sheet

## #A7400

**PRODUCT DESCRIPTION:** Laurenco Roofing and Waterproofing Sheet is a membrane specially formulated with asphalt modified with Chloroprene Rubber (Neoprene\*) plus appropriate fillers, curing agents and plasticizer.

- Thickness of Laurenco Sheet is 50 mils. plus or minus 5%.
- Tensile strength of Laurenco Sheet = 75 lbf/in. Min. (ASTM D 146-90, section 13) and (ASTM E 154-99, section 9).
- Two Ply Laurenco System > 180 lbf/in.
- Puncture resistance of Laurenco Sheet = 215 lbs. (ASTM E 154-99, section 10).
- Two Ply Laurenco System > 450 lbs.

**Ductility of Modified Asphalt for use on Laurenco Sheet: (ASTM D-113-69) at 39.2°F. using 1 cm. per min. pull-10% to 12.5% plus, at 75°F. using 5 cm. per min. pull = 100% to 125% plus.**

- Softening point of modified asphalt used on Laurenco Sheet: (ASTM D 36-70 using distilled water) = 160° degree F. min.
- Penetration of Modified Asphalt used on Laurenco Sheet: (ASTM D 5-73) = 30 max at 77° degree F. using 3 oz. seamless metal container.
- Ductility of Sheet: 1.360 degree bend on 1" O.D. bar at 39.2° degree F. at 5cm. per min. flex. minimum.

### **Laurenco Adhesive:**

Specially formulated Asphalt modified with compatible rubbers using long fibers and clean aliphatic VOC compliant solvent. Adhesive VOC is less than 250 grams per liter.

Compatible rubbers are combinations of Neoprene, Butyl and/or N.B.R.  
Solid Content 55% min.  
Holding power 150 lbs. plus per sq.ft. at 90 degree pull on gypsum deck.

Meets or exceeds ASTM D-4479, Type 1 and Federal Specification SS-A-694D.  
Using ASTM Test Method D-1004-70, Tensile Strength and Adhesive shall be 1070 p.s.i. average; using Tear Die C, 77lbs. per inch average of sheets and adhesive.



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**Laurenco System (Sheet & Adhesive):**

-Water Permeability-Inverted cup @ 75° degrees F. 25 day duration (ASTM. E 96-95 Procedure BW) using Laurenco Sheet and Laurenco Adhesive in System form 0.005grams/hr./sq.ft.

-Weather test on Laurenco Sheet and Laurenco Adhesive in System form (ASTM Test Method D 529-73, Daily Cycle B) 25 days. Hardness range of 60 plus or minus 5 pt. variation of a range of 0-99 Shore A hardness and no further changes after 10 cycles-Materials stable with no cracking or crazing. Cycles continued for 25 days.

-Pull Test: Using 1" thick concrete slab and Laurenco system (2 plies Sheet and Adhesive) pull at rate of 2 inches per minimum. Results = 26.39 lbs. plus p.s.i. or 3800 lbs. plus per minimum. (slabs all broke under pull test-1" thick were used to accommodate machine) See Tensile Strength.

-Hydrostatic Resistance: Mullens Burst Test: (Membrane Sheets and Adhesive) shall attain 277 p.s.i. average. 277 p.s.i. = 638 ft of water.

**PACKAGING:**

Laurenco Sheet: 220 sq.ft. per roll on cores using disposable release sheet and some powdered release agents. Shipped in heavy boxes weighing @ 70 pounds.

Width of roll: 36 inches plus or minus one inch.

Net weight of roll: 65 lbs. minimum.

Length of roll: 73.3 ft., plus or minus 1%.

Laurenco Adhesive:

Available in 5 gallon pails and 55 gallon drums.

Minimum shipping weight of pails 42 lbs; drums 475 lbs.

**STORAGE INFORMATION:**

Boxes containing the Laurenco Waterproofing Sheet must be stored flat at all times, approximately 5 boxes high, on pallets or other means to keep off the ground.

If indoor or trailer storage is not available, tarp in with canvas tarpaulins only. **DO NOT USE POLYETHYLENE OR OTHER NON-BREATHING FILMS TO COVER THE BOXES.**



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**STORAGE INFORMATION (Cont.):**

Remove rolls of Laurenco Waterproofing Sheet from boxes when ready to use.

Store in cool places only. If trailer storage is used, it should be well ventilated for summer storage and only a maximum of 60°F heat for winter storage is recommended (for ease of roll out).

Job Site Shelf life for spring/fall and winter grade is recommended not to exceed 3 months. Job site summer storage is recommended not to exceed 3 to 4 weeks including in transit time. Warehouse storage, (controlled environment) shelf life for spring/fall and winter grade is 18-24 months. Warehouse storage shelf life for summer grade is recommended not to exceed 6 months.



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