

CE-144

09/13 Supersedes 09/06

PENNCOAT[®] 600 MEMBRANE

DESCRIPTION

PENNCOAT 600 Membrane is a 60 mil (1.5 mm) thick prefabricated self adhesive reinforced sheet laminate membrane. It is constructed of a woven fiberglass core that is sandwiched between layers of polymer modified high tack rubberized asphalt with an integral chemical resistant Mylar top film. An embossed release film is incorporated onto the back of the sheet for easy release without tears or splits. PENNCOAT 600 is easily rolled into place over properly prepared surfaces that have been primed with PENNCOAT 601. Each roll is 50' (15.2 m) in length x 4' (1.2 m) in width for easy handling on the jobsite. **Consult Corrosion Engineering specification [CES-144](#) for complete installation details.**

AREAS OF USE

PENNCOAT 600 Membrane may be applied to concrete or steel substrates as an underlying membrane to overlayers of acid proof brick and polymer concrete construction. It is used for severe chemical applications where the reliability of a sheet membrane system is preferred over conventional liquid applied membrane systems, or where the use of hot asphalt membrane systems is not feasible. The Mylar top coat integrated into PENNCOAT 600 makes it suitable for chemical environments that exceed the limitations of asphalt based systems, such as solvents or acid/solvent combinations.

Typical applications include: floors, trenches, vessels, sumps, manholes, vessel linings, pump pads, bases, and tank piers.

OUTSTANDING FEATURES

- Prefabricated sheet insures uniform membrane thickness
- Excellent value - economical installed cost compared to other membrane systems
- Excellent chemical resistance - suitable for solvents and acid/solvent combinations
- Easy handling and installation on jobsite
- High elongation within service temperature range of -20°F to +200°F

TYPICAL PHYSICAL PROPERTIES

PROPERTY	PENNCOAT 600 MEMBRANE
Color	Black
Water absorption (ASTM D-1228 - 72 hours)	0.25% max
Weight	0.33 lbs per SF
Permeance (ASTM E-96 Method B)	0.05 US perms max
Thickness	60 mils +-5 mils
Elongation	>500%
Puncture Resistance (ASTM E-154)	40 min
Low Temperature Pliability (ASTM D -146 1" mandrel @ -25°F)	No cracks or splits at 180° bend
Service Temperature Range	-20°F to +200°F

ESTIMATING/PACKAGING THEORETICAL QUANTITIES – NO OVERAGE ALLOWANCE

PRODUCT	CODE	PACKAGING	COVERAGE
Penncoat 600 MEMBRANE	23854	4' X 50' roll	200 SF/roll
Penncoat 601 PRIMER	23855	4 x 1 gal cans/case	800 SF/case (200 SF/gal)
Penncoat 602 TAPE	29613	Roll	2" width x 50' length

SAFETY PRECAUTIONS / DISCLAIMER

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and [material safety data sheets](#) before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.



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