



PRODUCT INFORMATION

CE-249
10/18 Supersedes 07/15

PACMASTIC™ 325 MEMBRANE

DESCRIPTION

PACMASTIC 325 Membrane is a specially blended asphalt cutback coating reinforced with inorganic mineral fillers. It cures to form a rugged, virtually impermeable, and well-bonded coating that protects concrete and steel substrates from chemical corrosive attack. Consult Corrosion Engineering specification CES-345 for complete installation specifications.

AREAS OF USE

- PACMASTIC 325 Membrane is used as an economical coating by itself on steel flues, ducts and breechings or other air pollution control equipment. PACMASTIC 325 may be used in the following applications:
- Install as a membrane under acid-resistant brick, refractories, polymer concretes and gunites. PACMASTIC 325 Membrane has been used in vessel linings under acid brick in 93-98% strong sulfuric acid service.
- Apply over concrete in industrial and municipal liquid waste containment environments as a primary corrosion barrier.
- Use as a corrosion barrier in sewage systems, tanks, sumps, and sulfur pits under gunite or brick linings.
- Suitable for concrete or steel substrates.

OUTSTANDING FEATURES

- Economical and easy to apply as a single component coating by airless spray or by trowel.
- Chemically resistant to acids including sulfuric, hydrochloric and phosphoric as well as alkaline and salt solutions. Consult Corrosion Engineering for specific chemical resistance.
- Remains stable through a wide temperature range (-60°F to 325°F).
- Excellent abrasion and water vapor resistance.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	PACMASTIC 325 MEMBRANE
Service Temperature Range	-60°F to 325°F
Flash Point	100°F
Dry to Touch/Dry Hard	2 hours/24 hours at 70°F @ 1/16" wft. Note: thicker applications dry slower. 1/8" wft will take 4-6 hours for dry to touch @ 70 F.
Percent Solids by Weight	68%
Thermal Conductivity	1.7 BTU/hr/ft ² /inch
Resistance to Sandblast Abrasion	Excellent
Outdoor Weathering Performance	Excellent
Water Vapor Permeability	0.027 perm inches
Thermal Shock Resistance from 140°F to -60°F	No cracking or disbondment of cured coating
Material Application Range	60°F-120°F by spray, 50°F-90°F by trowel
Airless Spray Equipment	Graco 45:1 King Airless, Model 208-004 with 204-502 inductor plate for 55 gal drum, or 203-452 for 5 gal pail, , and 207-651 air regulator. (Or 30:1 Bulldog Model 206-303 with 207-279 follower plate with short material hose and warm material). Mastic Gun: Graco Golden Airless model 206-718 Gun Tip: Graco Reverse-A-Clean tip 0.045 " orifice, model 205-614 Material to Hose to Gun: 6' whip end, ½" ID, working pressure 5000 psi, burst pressure 16,000 psi Material Hose 50' overall: ¾" ID, working pressure 4000 psi, burst pressure 16,000 psi Material Hose 100'-150' overall: 1" ID, working pressure 3000 psi, burst pressure 16,000 psi Air Compressor: 100 CFM at 100 psi Air Hose from Compressor to mastic pump: ¾"-1" ID, 100' long Heat: Store mastic in 60° F+ warehouse before spraying. (Capacity of inline heaters is too low to be effective)
Tool Clean Up	Mineral Spirits or Diesel Fuel

ESTIMATING/PACKAGING THEORETICAL QUANTITIES – NO OVERAGE ALLOWANCE

PRODUCT	CODE	SIZE	COVERAGE
PACMASTIC 325	24336	5 gal pail (4.7 gal net)	14.7 SF/gal @ 7/64" WFT or 1/16" DFT 7.9 SF/gal @ 13/64" WFT or 1/8" DFT
PACMASTIC 325	24337	53 gal drum	5.4 SF/gal @ 19/64" WFT or 3/16" DFT 4.0 SF/gal @ 13/32" WFT or 1/4" DFT

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.

