

SELECTION & SPECIFICATION DATA

Type	Asphalt mastic membrane
Description	Pacmastic 325 is a single component asphalt cutback membrane coating containing inorganic mineral fillers
Uses	<ul style="list-style-type: none"> • Use as a primary corrosion barrier to protect concrete and steel substrates from chemical attack in municipal waste water containment environments • Suitable for use by itself on steel ducts, flues breechings or other air pollution control equipment. • Install as a membrane under acid-resistant brick, refractories, polymer concretes and gunites. • Pacmastic 325 has been used in vessel linings under acid brick in 93-98% sulfuric acid service. • Use as a corrosion barrier in sulfur pits under gunite or brick linings.
Features	<ul style="list-style-type: none"> • Single component apply by trowel or spray. • Stable within a temperature range of -40°F(-40°C) to 325°F (160°C). • Suitable for acids, alkalines, and salt solutions • Very good abrasion resistance when cured. • Shelf life stable.
Limitations	<ul style="list-style-type: none"> • Not for use beyond its chemical resistance capabilities, not suitable for oxidizing acids. Consult ErgonArmor with specific questions.

INSTALLATION GUIDANCE

Reference Specifications	CES-345 Pacmastic 325 Installation Specification
Installation Conditions	Pacmastic 325 is formulated for ideal handling at 70°F (21°C). Materials and substrate should be acclimated to the air temperature prior to installation, and the air temperature should be between 50°F (10°C) and 90°F (32°C) during installation and cure. Bricks or tiles must be clean, dry and neutral pH.
Mixing/Use	Pacmastic 325 is a single component air drying material. Apply by flat trowel or by spray. It should have the consistency of a medium to heavy creamy paste. Be sure all surface areas are completely covered and there are no voids in the membrane. Consult project specifications or product data sheet for suggested application thickness and WFT/DFT coverage. Pacmastic 325 should be applied in at least 2 layers, "wet to wet". In other words, the first coat should have achieved sufficient "tack" so as not to slump off when second coat is applied, but still be wet. The amount of time for this will be dependent upon ambient temperature and temperature of material at time of placement, but is usually achieved same day, and within the reach of workers as the job progresses, without having to go back and re-do areas already coated.
	Consult CES-345 when applying by spray and also if embedding ptfе film into the wet mastic membrane.
Work Life	4 hours
Cleanup	Mineral spirits

CURE TIME

Temperature	Initial Set	Full Cure
70°F (21°C)	36-48 hours	7 days

SAFETY

Safety	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 safety data sheets before using.
Ventilation	Provide thorough air circulation during and after application until the material has cured when used in enclosed areas.

PACKAGING & ESTIMATING

Product	Code	Packaging
Pacmastic 325	24336	5 gallon (4.7 gal/17.8 l) net pail
Pacmastic 325	24337	53 gallon (200 l) drum
Pacmastic 325 packed for air shipment	24338	5 gallon (4.7 gal/17.8 l) net pail

Theoretical Coverage

14.7 sf/gal at 7/64" wft or 1/16" dft
 7.9 sf/gal at 13/64" wft or 1/8" dft
 5.4 sf/gal at 19/64" wft or 3/16" dft
 4.0 sf/gal at 13/32" wft or 1/4" dft

Storage & Shelf Life

Maintain products in original packaging and sealed until ready for use. Estimated shelf life of components is 12 months when stored in a dry area at 70°F (21°C). Actual shelf life may vary with storage conditions.

If there is any question with respect to the quality of the components check reactivity prior to use. For assistance consult with ErgonArmor.

TYPICAL PHYSICAL PROPERTIES

Property	Typical Value
Color	Black
Density	8.6 lb/US gallon (1031 kg/m ³)
Solids %	68
Water vapor permeability	0.027 perm inches
Thermal shock resistance 140°F (60°C) to -40°F (-40°C)	No cracking or disbondment of cured coating
Outdoor weathering	Excellent
Service temperature range	-40°F(-40°C) to 325°F (160°C)

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