



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

#164[®]

POLYMERIC HOT-APPLIED SEALANT

SEALTIGHT #164 Polymeric Hot-Applied Sealant is ideal for large concrete pavement, bridge, runway and taxiway maintenance crack and joint sealing projects that works equally well in Portland Cement or asphalt concrete pavement.

Technical Description

SEALTIGHT #164 combines a tenacious adhesive power with high resiliency and provides a positive seal during expansion and contraction of the joint.

Application

#164 must be melted in a double-boiler, oil-jacketed melter-applicator. It is advisable to include the use of Cera-Rod (heat resistant backer rod) to control and maintain joint depth.

PACKAGING & COVERAGE

55 lb. cartons
Coverage: 12.2 lb. per 100' based on a 1/2" x 1/2" joint



DOW PROTECTION BOARD III

PRODUCT DESCRIPTION

BASIC USE

DOW Protection Board III is an extruded polystyrene foam insulation with plastic film on one side. Designed for use in commercial foundation waterproofing applications, DOW Protection Board III helps protect the waterproofing membrane from damage during backfill. It is recommended for perimeter concrete and masonry walls where waterproofing protection is the primary requirement.

TECHNICAL DATA

- ASTM C272
- ASTM C518
- ASTM D1621
- ASTM E96

PACKAGING

1/4" x 4' x 50 fan folded bundles

Physical Properties of DOW Protection Board III Insulation

Property and Test	DOW Protection Board III
Thermal resistance, ASTM C518	1.0
Compressive strength, ASTM D1621, psi, min.	8
Water absorption, ASTM C272, % by vol, max.	0.2%
Water vapor permeance ASTM E96, perm (ng/(Pa·s·m ²))	0.8
Maximum use temp., °F	165

Chemical Resistance of DOW Protection Board III Insulation

Material	Resistance	Material	Resistance
Acid, inorganic	Good	Gases, carbon hydroxide (CH ₄)	Good
Acid, organic	Good	Gases, chlorofluorocarbons	Good
Alcohol	Good	Gases, dioxide (O ₂)	Good
Aldehydes (formaldehyde, etc.)	Poor	Gases, nitrous hydroxide (NH ₃)	Good
Aromatic hydrocarbons	Poor	Gases, sulfur dioxide (SO ₂)	Good
Asphalts, solvent-based	Poor	Gasoline	Poor
Asphalts, water-based	Good	Ketones (acetones, MEK, etc.)	Poor
Bases (caustics)	Good	Mineral oil USP	Excellent
Bleach	Good	Naphthas (paint thinner)	Poor
Brines and other salts	Good	Olefins (ethylene, etc.)	Poor
Cements and mortar	Good	Paints, alcohol-based	Good
Chlorinated hydrocarbons	Poor	Paints, water-based	Good
Ethers	Poor	Water	Good
Gases, carbon dioxide (CO ₂)	Good		

WATERPROOFING