

P2ZE-FLASH

STPE - LIQUID APPLIED FLASHING & JOINT SEALING



PATH 2 ZERO ENERGY

DESCRIPTION

P2ZE-Flash is a single component silyl terminated polymer sealant intended for use as a liquid-applied flashing and joint sealing product. It is solvent free, isocyanate free, and bonds to most common building materials without priming. It forms a seamless flexible barrier that prevents penetration of unwanted water and air through the building envelope while being breathable to allow damp surfaces to dry. It may be exposed to UV light and weather for up to 12 months.

ADHESION

P2ZE-FLASH adheres well to a wide variety of substrates, generally with no primer required. It can bond to damp substrates and cure in wet weather. ASTM C794

APPLICATION

The recommended application thickness is 20-35 wet mils. At this thickness, the estimated coverage is 10 sf per 20 fl. oz. Surfaces must be clean and free of contaminants. It is recommended to test substrate compatibility with P2ZE-FLASH prior to full application. Curing/drying speed will be influenced by temperature and humidity conditions.

CLEAN UP

Clean tools and equipment with mineral spirits or similar solvent right after use. Tool out any excess from gun tip and use material. Next day clean out cured P2ZE-FLASH in tip to reuse. Best advice on clothes is to not even try but dedicate them to liquid flashing days.

STORAGE AND HANDLING

Store in a cool, dry place. Keep container tightly closed when not using. Do not open container until preparation work has been completed. Do not alter or mix with other chemicals. When stored at or below 80°F (27°C) P2ZE-FLASH has a shelf life of 12 months after the date of manufacture. Dispose of unused product and container in accordance with local, state and federal regulations.

PHYSICAL PROPERTIES

Description	Results
Composition	Silyl Modified Polymer
Application Temperature	≥ 40°F (4.4°C)
Hardness, Shore A ASTM C661	25-35
Tensile Strength ASTM D412	> 120 psi
Elongation at Break ASTM D412	300%
Water Vapor Transmission ASTM E96	13.6 perms
Application Thickness	20-35 mil
VOC Content	<20 g/l

Adhesive Strength to Substrates (ASTM C794)	≥5 pli	Pass
Water Penetration Around Nails (ASTM D1970)	Shall pass 31 mm (1.2 in) of water	Pass
Accelerated UV Aging (ASTM G254, ASTM C794)	≥5 pli	Pass
Elevated Temperature (AAMA 711, ASTM C794)	≥5 pli	Pass
Thermal Cycling (AAMA 711, ASTM C794)	≥5 pli	Pass
Crack Bridging (ASTM C1305)	Water holdout of 550mm for 24hr with 1/16" crack	Pass
Water Immersion (AAMA 711, ASTM C794)	≥5 pli	Pass
Water Vapor Permeability (ASTM E96)	≥10 perms at recommended thickness	Pass
Surface Burning Characteristics ASTM E84 Flame Spread	≤25	5
Surface Burning Characteristics ASTM Smoke Developed	≤450	10

Limited Warranty

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