

Hydro-Shield 380 Seam Adhesive

PRODUCT DESCRIPTION

Hydro-Shield 380 Seam Adhesive is specifically designed for use with Mer-Ko's "Dual Pro 380", system's Hydro-Shield 380 Waterproofing Membrane and "Weather Deck" system's Conbase MB40.

Hydro-Shield 380 Seam Adhesive is used to seam (join) Hydro-Shield 380 Waterproofing Membrane and Conbase MB40 sheet over laps, terminations, membrane penetrations, and to provide a seal between the waterproof membrane and clamping ring drains, it can also be used as an edge termination and flashing sealant.

CHARACTERISTICS

- Synthetic co-polymer rubber-high solids
- Resists degradation from UV, ozone, and weathering
- Unaffected by exposure to water
- Adheres to wood, metal, concrete, glass, plastic and rubber
- Broad temperature use range (40°F to 120°F)

CAUTIONS & LIMITATIONS

- Contains Propyl Acetate. Avoid prolonged contact with skin or inhalation of vapors. Use with adequate ventilation.
- Substrates must be structurally sound, clean, dry and free of dirt, dust, oil, grease or other contaminants at the time of material application.
- Do not allow uncured material to freeze.
- Do not store in direct sunlight.
- Intended for use with Mer-Ko Dual Pro 380 and Weather Deck systems.
- Do not apply in damp weather or when rain is expected within 24 hours.
- Designed for professional use.

COLOR

Light blue

PACKAGING

10.5 oz. caulking tube(0.3 L/tube)/10 tubes per case

APPLICATION

After the installation of the "Dual Pro 380" system's Hydro-Shield 380 Waterproofing Membrane or "Weather Deck" system's Conbase MB40.

1. Bond and seal the membrane sheet perimeter terminations and overlaps using a minimum 1/4" bead of Hydro-Shield 380 Seam Adhesive.
2. When applicable, install a bead of Hydro-Shield 380 Seam Adhesive on the drain flange under the Hydro-Shield Waterproofing Membrane and press the membrane into the sealant, overlapping all flashing devices and drains.
3. Use a weighted roller to bond Hydro-Shield 380 Seam Adhesive to the Hydro-Shield 380 Waterproofing Membrane seams and terminations. Allow to dry a minimum 1 hour prior to flood testing. Allow to dry 24 hours at 70°F (21°C) 50% RH, prior to commencing with installation of Mer-Ko, Underlayment or Membrane Filler applications.

Although the seam is waterproof in 30 minutes, shear strength of the sealant increases as it cures. Environmental conditions (e.g., air flow, temperature and humidity) can affect curing times.

TECHNICAL DATA

Coverage Rate	32 ft/tube based on 1/4" bead
VOC Content:	91 g/L
Boiling Point:	210-279°F
Flash Point (Method):	45°F (tag closed cup)
Vapor Pressure:	25 (mm Hg)
Vapor Density (Air = 1):	Greater than 1
WPG:	Approximately 9.25 lbs/gal
Evaporation rate (butyl acetate=1):	Approximately 2

STORAGE & HANDLING

- Store in an area suitable for combustible mixtures.
- Store at temperatures between 40°F and 85°F (4°C and 29.4°C).
- Ventilation: with adequate ventilation, respiratory equipment should not be needed.
- Respiratory Protection: If adequate ventilation is not afforded, wear respiratory equipment approved for organic vapors.
- Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying these products.
- Clean-up wet adhesive with cloth dampened with soapy water prior to drying.

SPILL OR LEAK

Steps to be taken in case material is released or spilled: Eliminate all ignition sources. Avoid breathing vapors. Keep liquid out of eyes. Prevent liquid from entering sewers. Waste Disposal Method: Dispose of in accordance with federal, state, and local laws. If approved, may be incinerated, evaporated, or disposed of in approved hazardous waste landfill. We recommend evaporation as the preferred method of disposal. To evaporate, leave container open in an outdoor location for 30 days. When material is completely dried to a solid state, dispose of the dried material in a non-hazardous landfill. Precautions to be taken in handling and storing: Keep away from heat, sparks, open flame, and other sources of ignition. Use with adequate ventilation. Avoid contact with skin.

SHELF LIFE

The shelf life is three years from the date of manufacture in the original, unopened container when properly stored.

WARRANTY

Limited manufacturer's defect warranty. Contact Mer-Ko Technical Service Department for specific warranty information or www.parexmer-ko.com

WARNING:

- Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Material Safety Data Sheet (MSDS). The most current MSDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

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