

QuickBreathe

Breathable Air Barrier Weather Barrier

Installation Guide

Safety:

Refer to product label and Safety Data Sheet before use. All users should acquaint themselves with this information prior to working with the material. Carefully read detailed precaution statements on the product labels and SDS before use. SDS can be obtained from our web site at www.kpneproducts.com.

Temperature:

QuickBreathe-SA-VP breathable, weather resistive, air barrier may be applied only in dry weather conditions when air and surface temperatures are above 40°F (5°C).

Surface Preparation:

Before Applying QuickBreathe-SA-VP make sure all surfaces must be dry, clean, smooth and free of any voids, moisture, sharp objects or any contamination that would limit adhesion of membrane. QuickBreathe-SA-VP can typically be installed over wood sheathing without using any adhesive primer. If appropriate adhesion is not obtained due to conditions beyond the control of the installer or Installing over cementitious or glassmat faced substrates, the application of adhesive-primer will be required. Allow primer to dry until surface becomes tacky. Coated surfaces not covered by QuickBreathe-SA-VP membrane during the working day must be recoated. Acceptable substrates are plywood, OSB, exterior-grade gypsum sheathing, precast or cast-in-place concrete, concrete block, steel, aluminum and galvanized metal. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Strike masonry joints full-flush. Concrete must be cured a minimum of 15 days. Curing compounds and release agents used in concrete construction must be resin based without oil or wax.

Application:

- QuickBreathe-SA-VP must be pre-cut into more manageable lengths and applied horizontally or vertically to the substrates in a consecutive weatherboard method starting at bottom or base of wall and working up providing minimum of 2 inches (51mm) horizontal overlaps and 3 inches vertical overlaps. All overlaps must be water-shedding.
- On walls, peel off the top portion of the silicone release film and adhere the membrane to the substrate, making sure that the membrane is well aligned. Gradually peel off the remaining silicone release film, making sure the membrane is kept tight and adheres completely to avoid air pockets and wrinkles.
- Once the membrane is installed, use a hard roller to apply pressure over the entire surface to ensure uniform adhesion to the substrate, laps and to remove fish-mouths and wrinkles (if any).
- Continue the membrane into all openings in the wall area, such as windows, doors, etc., and terminate at points that will prevent interior visibility. The installation must be made continuous at all framed openings, such as windows, doors, etc.
- Fenestrations must be flashed onto QuickBreathe-SA-VP in a shingled manner as per window and door manufacturers' recommendations, local building code requirements and guidelines.
- Install QuickBreathe-SA-VP membrane to create a continuous seal at walls, roofs and foundations junctions.
- Use rubber based Sealant with the membrane to seal around details, reverse laps and critical areas. At the end of each day work seal the top edge of the membrane where it meets the substrate with rubber based Sealant. Trowel apply a feathered edge to seal termination and shed water.
- Treat membrane deficiencies and/or damaged areas to membrane with QuickBreathe-SA-VP membrane. Install a membrane patch extending minimum 6 inch (150 mm) beyond limits of repair area, treat terminations with specified termination sealant. Trowel sealant to shed water. QuickBreathe-SA-VP must be protected from damage by other trades or construction materials.

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Storage:

All materials must be protected from rain and physical damage. Pallets of QuickBreathe-SA-VP must not be double stacked. Provide cover on top and all sides, allowing for adequate ventilation. Store membrane where temperatures will not exceed 120°F (49°C) for extended periods. All products must be stored in a dry area away from high heat, flames or sparks. Store only as much material at point of use as is required for each day's work. In cold weather, it is recommended to warm rolls to 10 °C (50 °F) or above prior to application to assure adhesion to substrate.

Limitations:

- QuickBreathe-SA-VP is designed for exposure of up to 270 days, but is not designed for permanent exposure to ultra-violet light and should be covered as soon as practical after application.
- Excessive moisture in substrate or laps can inhibit adhesion or result in loss of adhesion prior to installation of cladding. Do not expose the backside of the substrate to moisture or rain. Protect exposed back-up walls against wet weather conditions during and after application of membrane, including wall openings and construction activity above completed air barrier installation.
- Release liners are slippery, Remove from work area immediately following application.
- Due to its slight odor, do not use indoors.
- Gaps in sheathing panels larger than 1/4" should be filled prior to application.
- Allow Concrete to cure a minimum of 15 days prior to application.
- For installations less than 4 °C (40 °F), an approved primer is required for all substrates.
- For further details, contact your local KPNE sales representative.



KPNE Products Ltd.

www.kpneproducts.com