PRODUCT DATA SHEET

HydroSeal Flashing Membrane

HYDROTECH®
A SIKA COMPANY

GENERAL DESCRIPTION

HydroSeal Flashing Membrane is a high performance two-component, fast-curing, poly methyl-methacrylate (PMMA) resin.

BASIC USE

HydroSeal Flashing Membrane is combined with HydroSeal Catalyst and HydroSeal Fleece reinforcement to form a monolithic, self-flashing and self-adhering reinforced flashing membrane in conjunction with Hydrotech's HydroSeal Deck Membrane or MM6125 membrane and flashing accessories for a variety of conditions that do not allow for typical membrane flashing termination requirements. It comes standard in a light grey color and can be pigmented to a variety of other standard colors.

APPLICATION

- The product can be applied at substrate and ambient temperatures between 37°F (3°C) and 95°F (35°C). The temperature of the substrate must also be at least 5 degrees above the dew point temperature.
- All substrates must be clean, dry, and free of oil, grease, curing compounds, release agents, laitance, gross irregularities, loose, unsound or foreign material such as moss, algae growth, dirt, ice, snow, water or any other condition that would be detrimental to adhesion of resin to the substrate. All substrates must be primed with the appropriate HydroSeal Primer prior to the application of HydroSeal Flashing.
- Thoroughly mix the entire drum of resin for 2-3 minutes before each use, before adding catalyst, and prior to pouring off resin into a second container if batch mixing.
- Catalyze only the amount of material that can be used within 15-20 minutes.
- Add pre-measured catalyst to the resin component, stir for 2-minutes using a slow-speed mechanical agitator or stirring stick.
- The amount of catalyst added is based on the weight of the resin used and the anticipated ambient conditions.

catalyst required per 1-kg of resin used					
4% Catalyst 37°F to 50°F		3% Catalyst 50°F to 68°F		2% Catalyst 68°F to 95°F	
(3°C to 10°C)		(10°C to 20°C		(20°C to 35°C)	
g	kg	g	kg	g	kg
40	.04	30	.03	20	.02

Tip: Each scoop provided with the HydroSeal Catalyst is equal to roughly 0.01 kg. i.e., 2% catalyst for each 1 kg of resin = 2 scoops of catalyst powder; 4% catalyst for each 1 kg resin = 4 scoops of catalyst powder, etc.

- Pot life and working times noted below are approximate @68°F (20°C), provided as a guideline, and may vary. Actual set and cure times should be established in the field based on actual field conditions.
    - Pot Life: approx. 20 – 30 minutes
    - Rainproof: approx. 30 minutes
    - Next Coat: approx. 1 hour
    - Fully Cured: approx. 3 hours
- After mixing, apply resin to the properly primed substrate and lap over previously installed MM6125 membrane and/or flashing application at a rate of 0.14 - 0.31 kg/sqft (1.5 to 3.3 kg/sqm) using approved rollers, brushes or notched squeegee. The resin should be spread evenly onto the surface.
- Roll HydroSeal Fleece reinforcement directly into the resin, avoiding any folds and wrinkles. Use a roller to work the resin into the fleece, saturating from the bottom up, and apply a supplemental coat of resin as needed directly over the fleece and allowed to cure until solid to touch. Note the fleece should darken in appearance, with no white spots showing. White spots are indications of unsaturated fleece or lack of adhesion. It is important to correct these faults before the resin cures.