

Hydrotech® HydroSeal Mortar

formerly known as HydroSeal Mortar



BUILDING TRUST



GENERAL DESCRIPTION

HydroSeal Mortar is a high performance, flexible, methyl-methacrylate based mortar.

BASIC USE

HydroSeal Mortar is used to provide a traffic bearing coating and base over completed HydroSeal Deck Membranes in preparation to receive a variety of HydroSeal surfacing that will remain exposed.

APPLICATION

- Thoroughly mix the entire drum of HydroSeal Mortar resin for 2-3 minutes before each use and prior to pouring off into a second container if batch mixing, using a slow-speed, twin-paddle, mechanical agitator until achieving a smooth lump-free mortar consistency assuring all material from the container sides and bottom are mixed-in.
- Catalyze only the amount of material that can be used within 10-15 minutes.
- Add pre-measured catalyst to the resin component and thoroughly mix catalyst into resin-mortar for 2-minutes at temperatures above 50°F (10°C) and 4-minutes at temperatures below 50°F (10°C).
- After mixing, apply the Mortar to the surface of the HydroSeal Deck Membrane at a rate of 0.37 kg/sqft (4.0 kg/sqm) using a trowel (flat square-edge or 1/2 in. x 13/32 in. V-notch). Immediately smooth and even out the Mortar by rolling with a spiked roller. Each 15 kg unit will cover approximately 40 sqft (3.75 sqm).
- 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. 10 – 15 minutes
- Rainproof: approx. 30 minutes
- Surfacing Application: approx. 1 hour
- Fully Cured: approx. 3 hours

catalyst required per 15-kg batch					
37°F to 50°F (3°C to 5°C)		50°F to 68°F (5°C to 25°C)		68°F to 95°F (25°C to 35°C)	
2% Catalyst		~1.3% Catalyst		~0.7% Catalyst	
g	kg	g	kg	g	kg
300	0.3	200	0.2	100	0.1

PACKAGING/SIZES/COVERAGE

HydroSeal Mortar is supplied in 15 kg resealable drums with locking rings.

Approximate coverage rates:

- 0.37 kb/sqft (4 kg/sqm)
- Gross Yield (filled Mortar): approx. 40 sqft (3.7 sqm)

Always store in a cool and dry location. Do not store in direct sunlight or in temperatures below 32°F(0°C) or above 77°F(25°C). Approximate shelf life is 12-months when left sealed, unmixed and with proper storage.

PRECAUTIONS

Keep away from open fire, flame or any ignition source. Vapors may form explosive mixture with air. Avoid skin and eye contact with this material. Avoid breathing fumes. Do not eat, drink or smoke in area of application. Refer to product Safety Data Sheet (SDS) for additional information pertaining to this product and prior to use or handling.

Workers should wear appropriate clothing to protect from accidental skin contact. When mixing or applying this product workers must use butyl rubber or nitrile gloves. Safety glasses with side shields are required for eye protection. In enclosed spaces, use local exhaust ventilation to maintain worker exposure below TLV. If the airborne concentration poses a health hazard, become irritating or exceeds recommended limits, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134. The specific type of respirator will depend on the airborne concentrations. A filtering face piece or dusk mask is not acceptable for use with this product if TLV filtering levels have been exceeded.

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