

Technical Data Sheet

HYDROBLOK MVB PRIMER 1100

Guarantees to block Moisture & Vapors on top of concrete, Or down below



Made in the USA



With Japanese Technology

Description:

HydroBlok Primer 1100 is an impermeable two-component modified epoxy coating with zero VOC to block the moisture vapor emissions from new and existing concrete slabs. Its unsurpassed adhesion to concrete exceeding 1,000 psi tenaciously grabs on to the concrete slab to block the moisture and vapors beneath the concrete slab. For extra protection, we recommend applying **HydroBlok Polyaspartic** topcoat.

Extraordinary Properties:

- Adhesion to concrete exceeding 1,000 psi
- Guaranteed to stick to concrete slab and NOT delaminate
- Resistant to the harshest chemicals including paint strippers, battery acid, and other acids.

Applications:

- Any concrete slab that "leaks" moisture and vapors.
- Any concrete slab to prevent moisture and vapor leaks in the future
- Or new concrete slab to protect it from future moisture and vapor problems.

Unique Properties:

- Zero VOC
- Non-flammable
- Minimal preparation: sweep and pick up debris and cleanse surface with Dawn brand detergent
- Adhesion to concrete slab so strong that it exceeds 1,000 psi
- Fast drying: tack-free and ready for topcoat in 6 hours (3 hours by using accelerator)
- Work completed in less than 8 hours
- Simple squeegee and/or roller application technique allow installation to be performed by experts or novices
- Best solution and the LOWEST COST solution

Application:

- Pour Part A and Part B into a mixing bucket. We suggest using a plastic liner which will be discarded after each mix. Mixing Ratio is 1:1.
- Add 5 to 10% acetone by weight or volume for easy application and increased coverage.
- Induction Period. After mixing, allow the mixed coating to sit for 5 minutes before applying.
- Pour coating onto the floor surface. Spread with a rigid squeegee or spreader. Then backroll with roller to obtain a smooth and even surface. Recommend short nap roller (1/4" to 3/8").
- Working time (pot life) is 30 minutes.
- Tack-free in 6 hours (or 3 hours when using accelerator)..
- Apply topcoat between 6 (or 3 hours when using accelerator) and 24 hours after installation of **HydroBlok Primer 1100**.
- If faster cure is desired, add 1% accelerator to the mixing process. Tack-free time is approximately 3 hours. CAUTION: Working time will be shorter.
- Clean up with solvents such as acetone or lacquer thinner.

Cold Temperature Caution:

- Product temperature must be kept between 55°F - 86°F (13°C - 30°C) for 24 hours preceding application.
- Surface and ambient temperature during application and curing must be between 55°F - 86°F (13°C - 30°C).



Physical Properties:

PROPERTY	TEST METHOD	RESULT	
		LATICRETE	AYP MOISTURE
ADHESION	ASTM D7234	>410 psi	>1,000 psi
VAPOR PERMEANCE	ASTM E96	0.052 gr/h/ft ² /in	0,05 gr/h/ft ² /in
TENSILE STRENGTH	ASTM C1583	>410 psi	>1,000 psi
RESISTANCE ALKALINITY	ASTM D1308	14 pH	14 pH

Working Properties:

PROPERTY	RESULT	
	LATICRETE	AYP MOISTURE
MIX RATIO	1:2	1:1
WORKING TIME (POT LIFE)	20 - 30 minutes	20 - 30 minutes
RE-COAT TIME (MINIMUM)	12 hours	3 hours
RE-COAT TIME (MAXIMUM)	72 hours	60 hours
FULL CURE	7 days	3 days

Packaging:

5 gallon plastic pails

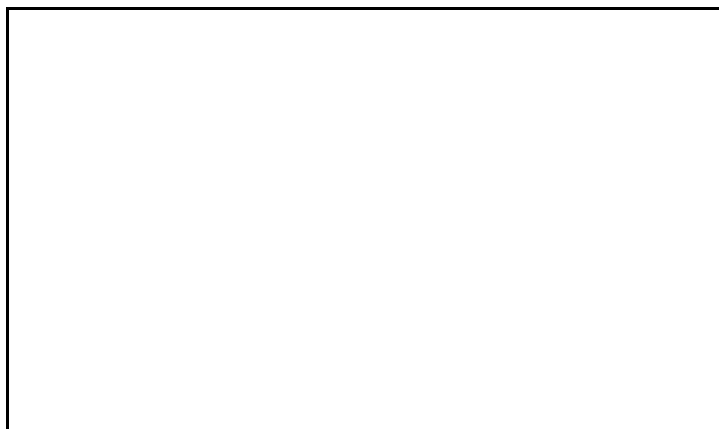
Shelf Life:

2 years unopened under good storage conditions

Disclaimer:

This information is presented to the best of our knowledge at the date of publication. It is offered without warranty, both express and implied, regarding the accuracy or the results to be obtained from the use of such information and is intended for use by persons who are experienced and knowledgeable.

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