

# HP 9112 MMA PRIMER



## PRODUCT DESCRIPTION

HP 9112 MMA is 100% reactive Methyl Methacrylate primer for use with the HP-LIQUID FLASHING 9800. HP 9112 is used to prime concrete surfaces, metal and masonry surfaces and the mating side of the Hydro-Prufe® PVC membrane. It is used when ever the HP-LIQUID FLASHING 9800 is used. Follow the mixing guidelines listed in this data sheet.

## PRODUCT INFORMATION

Standard Color is: Clear (Color packets available upon request)

Color Pack Ratio: Mix Ratio is 6 oz per gallon

## ADVANTAGES

- Fast Cure (60 min) for rapid re-coat
- Good wetting properties for excellent bond to concrete
- VOC compliant (100% solids)
- Full strength in less than 1 hour
- Use over wide temperature range - even below freezing

## INSTALLATION

Substrate must be dry and free of dirt, waxes, curing agents and other foreign materials. Should not be installed on fresh concrete until maximum shrinkage has occurred (at least 30 days after placement). Moisture Vapor Transmission must be at least 3 lbs per ASTM-F-1869 and less than 80% RH per ASTM-F-2170. See manufacturer for additional details.

Adequate cross ventilation should be provided. Good ventilation during the processing ensures a good cross linking and hardening. Read, understand, and follow MSDS sheets and application instructions.

## COMPOSITION

HP 9112 MMA is a 100% reactive methyl methacrylate resin.

## SURFACE PREPARATION

Surface preparation is the most critical portion. All substrates must be properly prepared as outlined in Hydro-Gards Technical Bulletin #1. Work must be performed by trained or experienced contractors or maintenance personnel.

## COVERAGE

Coverage rates depend on the use of the HP 9112 Primer. See manufacturer for any additional information.

## AVAILABILITY

HP 9112 MMA is available from the manufacturer, vendors, or factory trained contractors.

## CLEAN UP

Clean Tools and equipment with laquer thinner or MEK. Consult MSDS sheet for safety and health precautions

## WARRANTY

Warranties are available upon successful Installation and range in coverage. Contact the manufacturer for further information concerning warranties.

## STORAGE

Store in a cool and dry place, below 80°F, out of direct sunlight. Do not store near open flame or food. Shelf life is 6 months in the original un-opened container.

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit [www.hydro-gard.com](http://www.hydro-gard.com). HYDRO-GARD accepts no responsibility for the results obtained through application of this product. HYDRO-GARD reserves the right to update information without notice.

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## MIXING AND INSTALLATION

HP 9112 MMA requires the addition of HP MMA Hardener to start the hardening process. The amount of hardener must be adjusted to the respective surface temperature (see table below). At temperatures below 40°F, Accelerator 101 must be used in addition to the amount of hardener used at the 40°F level (about ½ oz by vol./gal. @ 32 °F us to 2.0 pf by vol./gal. @ -20°F).

HP 9112 MMA Resin

Temp. (°F) of Resin Air & Floor Surface	Hardener by Wt. Based on Wt. Of 9112 Resin	Hardener by Vol. (Oz.) Based on Gallon of 9112 Resin	Pot Life (min.)	Hardening Time (min.)
+ 32° F	7.0	12.5	Approx. 10-11	Approx. 30
+ 40° F	5.0	9.0	Approx. 8-9	Approx. 30
+ 50° F	4.0	7.5	Approx. 8-9	Approx. 25
+ 60° F	3.0	5.5	Approx. 7-8	Approx. 25
+ 70° F	2.0	3.5	Approx. 8-9	Approx. 20
+ 90° F	1.0*	1.8*	Approx. 7-8	Approx. 20

\*Do not use less than 1% hardener by weight or less than 1.8% hardener by volume  
Consult with HYDRO-GARD Technical Service if performing mix ratio by weight instead of by volume.

HP 9112 MMA is spread evenly on the surface you are applying the primer to, (no puddles) with notched trowels, and/or squeegees/ or rollers and back rolled with short nap mohair rollers at no less than 100 sq ft/gal on very absorbent surfaces. Two coats may be necessary to get an even, resin rich surface to bond with the next layer. Follow the specific guidelines listed the the Hydro-Prufe® installation manuals.

## PHYSICAL PROPERTIES

Percent Reactive	100% (Zero VOC)
Working Life	10-15 min
Re-coat Time	Approx 60 min
Viscosity	250-270 cps
Weight per Gallon	8.3 lbs

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