

MA-260 CLEAR WATER BASED ACRYLIC SEALER

MA-260: Description

MA-260 is a one-component water based acrylic sealer that offers excellent resistance to water blushing without the objectionable solvent odors associated with solvent based sealers. This product has a fast set time and good stain resistance.

Recommended for:

MA-260 is recommended for sealing concrete or cement. Do not use in immersion service or constant chemical exposure areas.

SOLIDS BY WEIGHT:

25% (+/- 2%)

SOLIDS BY VOLUME:

21% (+/- 2%)

VOLATILE ORGANIC CONTENT:

VOC= 0.70#/gallon. Approximately 82 grams/L.

COLORS AVAILABLE:

This product is available in a clear only

RECOMMENDED FILM THICKNESS:

3-4 mils wet (0.5 – 1.0 mils dry)

COVERAGE PER GALLON:

401-534 square feet @ 3-4 mils wet thickness

PACKAGING INFORMATION:

This product is available in 1 gallon, 5 gallon and 55 gallon containers. (volumes approximate)

MIX RATIO:

One component product, simply stir before using

SHELF LIFE:

1 year in unopened containers

ABRASION RESISTANCE:

Taber Abraser CS-17 calibrate wheel with 1000 gram total load and 500 cycles = 80 mg loss

IMPACT RESISTANCE:

Gardner Impact, direct = 50 in.lb. (passed)

FLEXIBILITY:

No cracks on a 1/8" mandrel

ADHESION:

395 psi @ elcometer (concrete failure, no delamination)

VISCOSITY:

Less than 200 cps (typical)

DOT CLASSIFICATIONS:

Not regulated

PEEL ADHESION:

Excellent

CURE SCHEDULE: (70°)

tack free (dry to touch)..... 1-2 hours

recoat or topcoat..... 2-4 hours

light foot traffic..... 3-5 hours

full cure (heavy traffic)..... 2-3 days

APPLICATION TEMPERATURE:

60-100 degrees F with relative humidity below 85%

CHEMICAL RESISTANCE:

REAGENT	RATING
Gasoline	1
Brake fluid	1
Used motor oil	5
DI water	5

Rating key: (film damage) 1 = severe -> 5 = no damage.

STAIN RESISTANCE:

REAGENT	RATING
Kool-Aid	10
Mustard	10
Chocolate	10
Ketchup	10
Coal Tar	2

Rating key: 10 = excellent stain resistance -> 0 = no stain resistance.

PRIMER:

None required.

TOPCOAT:

None required. Multiple coats of this product are compatible.

LIMITATIONS:

*Clarity of color or gloss may be affected by high humidity, low temperatures or chemical exposure. Lighting like sodium vapor lights may affect color.

*For best results use a good quality 3/8" nap roller.

*Slab on grade requires moisture barrier. (Product P-1007, etc.)

*Substrate temperature must be 5°F above dew point

*All new concrete must be cured for at least 30 days

*Do not apply this product to areas where there is standing water, damp concrete can be coated.

*Too thick of an application may result in solvent entrapment and subsequent product failure.

*Physical properties listed on this technical data sheet are typical values and not specifications.

*See reverse side for application instructions.

INSTRUCTIONS (MA-260)

PRODUCT STORAGE: Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Keep from freezing.

SURFACE PREPARATION: Surface preparation will vary according to the type of substrate. For a one or two coat thin build application (3-8 mils wet) we recommend either mechanical scarification or acid etching until a suitable profile is achieved. All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause debonding. However, this product can be applied to a damp floor as long as there are not standing puddles.

PRODUCT MIXING: This product should be stirred well before using. Mix with slow speed mixing equipment to avoid introducing air into the material.

PRODUCT APPLICATION: The material can be applied by brush or roller. Maintain temperatures and humidity within the recommended ranges during the application and curing process.

RECOAT OR TOPCOATING: If you opt to recoat this product, you must first be sure that all of the solvents and water have evaporated from the coating during the curing process. The information on the front side are reliable guidelines to follow. However, it is best to test the coating before recoating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then the recoat or topcoat can be started. Always remember that colder temperatures will require more cure time for the product before recoating can commence. We do not recommend any coatings be placed over this product except multiple coats of this product itself.

CLEANUP: Use Soap and Water

FLOOR CLEANING: Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

RESTRICTIONS: Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

LIMITED WARRANTY

Seal Bond warrants that our products are manufactured and conform to strict quality assurance specifications. Improper use or storage may void warranty. Buyer understands that it is their sole responsibility to test and determine the suitability of the product for their practical purposes. Buyer's sole remedy for breach of warranty shall be strictly and exclusively limited to a refund of up to 100% of the purchase price of the non-conforming goods. This is the sole and exclusive remedy and liability for defects or failure of this product. This warranty is in lieu of all other warranties, written or oral, statutory, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Manufacturer shall not otherwise be liable for losses or damages related to application methods and uses, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including negligence, warranty or strict liability. For complete warranty information visit www.seal-bond.com

