



SOLHYDFLOW EMULSION

High performance acrylic emulsion,
bonding agent and additive

SOLHYDFLOW EMULSION is a water-based, high solid acrylic emulsifier that is used to improve the adhesion of BMQ SOLUTIONS cementitious products to the different substrates to which they are applied. Even when exposed to moisture, SOLYDFLOW EMULSION remains highly effective, making it ideal for indoor and outdoor applications.

■ USES

Use SOLHYDFLOW EMULSION has indicated with:

- ementitious patching compounds,
- self-leveling agents,
- mortars, and
- BMQ SOLUTIONS repair concrete

in order to improve:

- the adhesion properties,
- the flexion, and
- tensile properties when required and has needed.

Modified materials will also have:

- a better resistance to abrasion, to moisture, and
- better resistance properties to water, freeze / thaw, and cracking.

■ PRODUCT FEATURES

- Can be used for many types of applications
- Improve resistance to moisture and freeze/thaw
- Concentrated liquid and high solid content
- Can be used as a bounding agent or mixed with water
- Water-based product; non-flammable, non-toxic and non-explosive
- Improve the adherence, strength and flexibility
- Without nocive vapors or gaseous emissions. Meets VOC standards.
- Increase the working time of the prodct to which it is added
- Use indoor or outdoor, above and below the ground
- Extra fine particles for a better product penetration

■ SURFACE PREPARATION

Must comply with the specific instruction of surface preparation according to the BMQ SOLUTIONS product applied. All surfaces must be ceaned to remove all traced of dirt, dust, mold, slat, grease, oil asphalt, laitance, curing compounds, paint, coating and any other foreign materials. All of those should be remain by mechanical means. Acceptable surface cleaning method included shot-blasting, sand-blasting, water-blasting and any others similars means. Sandblasting must be made on approved wood surface only. Never apply acid or chemical cleaner on surface that will receive BMQ SOLUTIONS prodducts. New concrete surfaces must be allowed to cure a minimum of 28 days.

■ ESTIMATING / YIELD

Wood substrate:

Undiluted: 200 to 250 ft²

Standard Concrete:

Diluted 1:1 : 300 to 400 ft²

Additive dillution ratio:

Refer to the technica data sheet of your choosen BMQ SOLUTIONS product for any dilution or application method. Undiluted SOLYDFLOW EMULSION with clean water (1 for 1), SOLHYDFLOW EMULSION diluted with clean water (3 for 3).

PHYSICAL PROPERTIES

INFLAMMABILITY ASTM E-84

Flame Spread 0

Fuel Supply 0

Smoke release 0

APPLICATION

Temperature Range 10°C to 35°C (50°F to 95°F)

Drying Time 1 to 2 hours

Open Time until 24 hours

Lifetime 1 year (original package)

Color White



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■ PRODUCT MIXING

- Always be sure to mix properly SOLHYDFLOW EMULSION before using it.
- If necessary dilute SOLHYDFLOW EMULSION with clean cold water.
- Mix the indicated ration as indicated on the data product sheet.

■ PRODUCT APPLICATION

ADDITIVE

Measure and add the appropriate amount of water to the mixture into a clean container, then add the BMQ SOLUTIONS cementitious product while constantly mixing. follow all the instruction about mixing and application related to your BMQ SOLUTIONS product.

BONDING AGENT

Use as indicated on the BMQ SOLUTIONS data sheet for cement based product.

APPROVED WOOD SUBSTRATE (INTERIOR ONLY)

Apply a thin layer using the 5 mm roller (1/4"). Do not leave any extra uncovered surface. Allow it to dry, it must remains sticky (maximum of 12 hours).

STANDARD POROUS CONCRETE

Dilute the product (1 for 1 ratiot) with clean water and apply it on the surface with a broom or a brush. Do not leaver uncovered area. Allow it to dry, it must remains sticky (maximum of 8 hours).

■ PRIMING

No primer required.

■ PACKAGING

SOLHYDFLOW EMULSION :

18.9 L pail (5 US gal)

Bottle : 3,78 L (1 gal US)

Quantity : 4 bottles per box

■ RECOMMANDED TOOLS

The following tools will ensure efficient and economical installation :

- Broom or brush
- Roller 5mm (1/4")

■ CLEANING

Use water to clean all tools immediately after use

■ STORAGE

Keep the product in a dry place between 10°C et 30°C (50°F and 86°F). Avoid freezing.

■ SAFETY

See Material Safety Data Sheet.