



# SOLHYDFLOW PRIMER PLUS

Primer and bonding agent of superior quality  
for self-leveling products SOLHYDFLOW

SOLHYDFLOW PRIMER PLUS est un apprêt acrylique de qualité supérieur spécialement formulé pour lier les produits autonivelants SOLHYDFLOW aux surfaces de béton, de contreplaqué, de céramique existante et de terrazzo.

## ■ USES

SOLHYDFLOW PRIMER PLUS primer must be applied prior to installation self-leveling SOLHYDFLOW.

### SUPPORTS :

- Concrete, dry and moisture free problem, healthy, dimensionally stable, porous or non-porous, smooth or profiled.
- Exterior type plywood, TVC, vinyl tile, ceramic tile, properly prepared natural stone, non-tacky adhesive residue and not affected by contact with water (non-re-emulsifiable).

## ■ FEATURES AND BENEFITS

- Adheres stubbornly to a wide variety of prepared surfaces.
- Improves adhesion of SOLHYDFLOW self-leveling products to surfaces.
- High solids content
- Extra fine solid particles for better product penetration
- Seals concrete surface to reduce porosity of concrete surfaces and thus reduce the excess presence of air in the product matrix self-leveling SOLHYDFLOW
- Non-flammable, non-toxic, non-explosive
- Water-based product that meets VOC standards
- No harmful vapors or gaseous emissions
- Does not emit very little odor
- Does not promote the proliferation of molds

## ■ SURFACE PREPARATION

Please refer to the different product data sheets of self-leveling SOLHYDFLOW range that you want to ask (undercoat or topcoat). Follow the guidelines carefully sections «Surface Preparation», «Primer», «Product Mixing» and «Product Application». Make sure to respect the functional limitations of the product and if issues persist, please contact your BMQ SOLUTIONS Technical Representative in order to get the right support for any specific application

## ■ ESTIMATING / YIELD

### Undiluted yield:

| <i>Quantity</i>         | <i>Approximate Coverage</i>                              |
|-------------------------|--|
| 1 litre (0.26 gallon)   | 4.5 à 5.5 m <sup>2</sup> (50 à 60 ft <sup>2</sup> )      |
| 3.78 litres (1 gallon)  | 18.5 à 23 m <sup>2</sup> (200 à 250 ft <sup>2</sup> )    |
| 18.9 litres (5 gallons) | 93 à 116 m <sup>2</sup> (1 000 à 1 250 ft <sup>2</sup> ) |

## PHYSICAL PROPERTIES OF THE MATERIAL

### 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 2 to 4 hours

Open Time until 24 hours

Lifetime 1 year (original package)

Color Light blue



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## ■ PRECAUTIONS / RESTRICTIONS

(ACCEPTABLE SUBSTRATES TO RECEIVE THE APPLICATION OF THE SOLHYDFLOW PRODUCT)

- Indoor product only
- Primed surfaces should dry thoroughly (2 to 24 hours).  
When applied on non-porous substrates or at low temperatures, always allocate a time prolonged drying
- To obtain uniform drying, ensure adequate ventilation and a temperature between 10 ° C and 35 ° C (50°F et 95°F)
- All substrates must be well prepared, clean, free of laitance, contaminant or other material which could affect the adhesion of the product
- The substrate must be dimensionally stable, healthy and of adequate strength to withstand and support the anticipated charges
- The relative humidity contained in the substrate must be less than 80% before the setting of a self-leveler. Moisture tests must be performed prior to application of Solhydflo products and coatings prescribed in accordance with ASTM F1869-11 and ASMT F2170-11

## ■ PRODUCT MIXING

### POROUS SURFACES

- Dilute 1 part of SOLHYDFLOW PRIMER PLUS in 2 parts of drinking water
- May require more than one coat

### NON POROUS SURFACES

- Use SOLHYDFLOW PRIMER PLUS undiluted

## ■ PRODUCT APPLICATION

### POROUS SURFACES

Pour the mixture and spread evenly over the surface to be treated using a broom with exploded ends or a roller without lint 10 mm (3/8") until a thin film is obtained. Do not leave any spot exposed or puddles.

Sweep up any excess primer if puddles appear during drying.

Let dry completely until a maximum of 24 hours.

If an additional layer is needed, follow the same procedure

### NON POROUS SURFACES (plywood and existing surfaces)

Pour the mixture and spread it evenly over the surface to be treated with a 10 mm strandless roller (3/8") until a thin film is obtained. Do not leave any spot exposed or puddles. Roll any excess primer if puddles appear during drying.

Allow to dry completely for up to 24 hours.

## ■ PRIMER

No primer required.

## ■ PACKAGING

### SOLHYDFLOW EMULSION :

Pail of 18,9 L (5 gal US)

Bottle 3,78 L (1 gal US)

Bottle 1 L (1.05 quart)

Qty : 4 bottles per box

## ■ RECOMMENDED TOOLS

The following tools will ensure efficient and economical installation:

- Broom with exploded ends
- 10 mm (3/8") short pile roller

## ■ CLEANING

Use water to clean tools immediately after their use.

## ■ STORAGE

Avoid freezing and prolonged exposure to UV rays.

Shelf life: 1 year.

## ■ SAFETY

See MSDS info.