AQUAFIN

SLU-PRIMER

High Performance Primer for Porous and Non-porous Substrates

- ☑ **Zero VOC (0 g/L) - water based - non flammable**
- ☑ **Qualifies for LEED credits**
- ☑ **Rapid drying**
- ☑ **Excellent bond**

Product Description

AQUAFIN®-SLU-PRIMER is a water based, V.O.C. free, one component acrylic latex resin that improves the adhesion of cementitious self-leveling underlayment's or topping materials. Applied over standard absorbent or non-absorbent substrates, such as AQUAFIN-"SG3" moisture mitigation, terrazzo, marble, metal decking, ceramic and quarry tile.

LEED Points

MR Credit 5.1, Regional Materials*…… Up to 2 points
IEQ Credit 4.2, Low-Emitting Materials
Paints and Coatings ……1 point

** Using this AQUAFIN product helps contribute to LEED certification of projects in the categories shown above.*

Typical Applications

SLU-PRIMER can be applied over:
A. absorbent cementitious substrates.
B. non-absorbent substrates, such as:

- AQUAFIN-"SG3" epoxy moisture vapor reduction system or similar;
- Terrazzo; Marble; Metal decking; Quarry and Ceramic tile;

prior to application of cementitious underlayment's, topping materials or separation screeds.

Substrate Preparation

A. Concrete:

1. All cementitious substrates must be sound, dimensionally stable, clean, free from voids, oil, wax, grease, paint, gypsum compounds, loose debris and toppings and any other contaminant that might act as a bond breaker.
2. Pay particular attention to sufficiently mechanically roughen cementitious substrates to ICRI CSP 3 or greater profile. Use steel shot blasting, wet or dry sand blasting, diamond-grinding or other engineer approved methods.
3. Remove all dirt and dust by vacuuming.
4. Repair holes, defects, irregular surfaces, weak mortar joints, etc. with MORTAR-LN or MORTAR-40 (fast setting).

B. AQUAFIN-"SG3":

1. Install "SG3" as per "SG3" data sheet and let cure for minimum 12 hours at 73°F (23°C) before applying SLU-PRIMER.

Mixing & Application

- Pre-condition cooler containers to minimum 65°F (18°C) to allow uniform mixing.
- Plastic pail: remove lid and stir mix thoroughly for approximately 3 minutes to a homogenous mix, using a slow speed (300 - 500 rpm) mechanical mixer ("jiffy" mixing paddle).
- Tote: remove top cover and stir mix thoroughly to a homogenous mix, using an appropriate slow speed (300 - 400 rpm) long shaft mechanical mixer with one or two mixing cages.

Application:

- SLU-PRIMER is milky when wet and clear when dry.
- Do not apply SLU-PRIMER at room or substrate temperature below 50°F (10°C) or maximum 95°F (35°C). Maintain temperature range for minimum 72 hours after applying SLU-PRIMER and finished material. Use indirect auxiliary heaters to maintain minimum temperatures in cooler conditions.
- **Absorbent substrates**: apply even coat of primer, working it into the substrate with a push broom or brush. Do not use a roller to apply. Additional coats may be required over extremely porous concrete and to prevent substrate outgassing. Broom out any puddles of primer.
- **Non-absorbent substrates** (i.e. AQUAFIN-"SG3"): apply a thin, even coat of primer to the substrate using a non-shed short-nap roller. Do not spray, broom, or mop apply.
- Install self-leveling underlayment's, topping materials or separation screeds after SLU-PRIMER has turned to a transparent film (with no milky spots) after approximately 1 - 3 hours. Maximum wait time from initial application is 24 hrs.
- If SLU-PRIMER sits for more than 24 hrs, re-apply a second coat and install underlayment within correct application window. If application window is missed again, remove primer mechanically and start the installation on clean substrate.

Coverage:

400 - 600 SF/gal (9.8 - 14.7 m^2/L), depending on surface profile.

Drying Time:

About 1 – 3 hours.

Clean Up:

Clean tools and equipment with water immediately after use. Cured material can only be removed mechanically.

Packaging:

2.5 and 5 gal (9.5 and 18.9 L) plastic pails.
264 gal (1000 L) tote. (Heavy-duty intermediate bulk container (IBC)).

Shelf Life & Storage:

One year in unopened container. Store in a cool, dry area and keep from freezing. Do not expose container to sun.

Note:

- Prior application of SLU-PRIMER, a test area is highly recommended insuring suitability for intended use.
- Low substrate temperatures and/or high ambient humidity lengthen drying time, whereas higher temperatures and low humidity shorten drying time of SLU-PRIMER.
- Once cured, mixed product presents no ecological risk.

Safety: Refer to MSDS (Material safety Data Sheet). Contains no hazardous materials. Use rubber gloves and goggles during mixing and application. Avoid contact with eyes and skin. After contact with skin, wash with plenty of water. In case of eye contact, rinse immediately with plenty of water and seek medical advice. In case of handling large quantities, provide good ventilation if indoors.

KEEP OUT OF REACH OF CHILDREN. For commercial use only!

(Up-date 04/24/13)

AQUAFIN, Inc.
505 Blue Ball Road, # 160 Elkton, MD 21921
Phone (410) 392-2300 Fax (410) 392-2324
TOLL FREE 1 - 866 - AQUAFIN (1-866-278-2346)

DISTRIBUTED BY:

E-mail: info@aquafin.net
http://www.aquafin.us
CHECK WEBSITE FOR LATEST UP-DATES