Technical Data Sheet (TDS)

AQP-200 Eco-Prime

Acrylic Concrete Primer

Special features

- Certified "Green"
- Contains zero solvents or VOC
- Use prior to water-based or moisture-cured adhesives
- Use prior to cementitious or gypsum-based leveling compounds

Product Description

STAUF AQP-200 is an acrylic-based primer created for a dust-free installation and better adhesion of all STAUF adhesives. AQP-200 penetrates deep and leaves a rough texture to assist in adhesion between adhesive and surface to be applied. Spreads easily and creates an evenly absorbent surface ready for installation of flooring. It has superior coverage and dries very quickly.

Pre-Installation Checklist

A successful installation requires proper preparation of the subfloor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturers' recommendations for subfloor moisture content, design, layout, and application of flooring materials. All flooring material's backing must be solid, sound, and free of anti-adherents. All slab constructions must meet the specific requirements of the floor covering to be installed.

Sub Floor Examination

Prior to installation, the subfloor must be checked according to applicable installation guidelines. It must be solid and sound, permanently dry, clean, free of chaps and anti-adherents, and resistant to pressure and tension. The moisture content of all floors must be measured before installation.
Moisture content in concrete subfloors must be below 3#/24hr/1,000SF using the Calcium Chloride Test or below 75% RH using an in-situ probe per ASTM F1869 and F2170.

Sub Floor Preparation

The condition of the subfloor will determine which type of mechanical treatment is required (e.g. wire brushing, sanding, grinding, or shot blasting). Dust, paint, curing compounds, sealers, residual adhesives, or other surface contaminants MUST be removed and a porous surface achieved by suitable means. The extent of subfloor preparation can only be determined at the site by the installer. Clean the surface with an industrial vacuum cleaner and tack the floor with a damp microfiber mop before application. Do not use sweeping compounds unless they are water-based as most others will contain oil or wax which will act as an anti-adherent and prevent primers, sealers, leveling compounds, coatings, and/or adhesives from bonding to the concrete. Cracks and gaps must be treated prior to application of primers, sealers, leveling compounds, coatings, and/or adhesives (for details see Technical Information #19 @ www.staufusa.com).

Installation Procedure

Shake can before use and apply primer undiluted with a brush or foam roller. Avoid puddles as they prolong the drying period. Apply primer once and not too thick. On poorly absorbent subfloors the primer must be applied sparingly; Do not leave a visible layer of primer on the floor. Once dried, the primer is transparent. Higher temperatures speed up the drying process.

Storage

Store and transport protected from freezing. Recommended minimum temperatures are 35°F for transport and 40°F for storage. Do not stir the product if frozen, allow it to thaw completely.

Limitations

When using other than STAUF products in conjunction with STAUF primers, sealers, leveling compounds, or adhesives, STAUF denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from STAUF.
Do not dilute primer/sealer or mix with other products.
Do not use on damp subfloors.
In case of an accident, injury, spill, or exposure, see SDS for information. Consult the Technical Data Sheet at www.staufusa.com for updated information.
The foregoing representations are based on the results of our most current product and material testing within a controlled environment and are of a non-obligatory advisory nature only. As such, they do not constitute an express or implied warranty of any kind including the Warranty of Merchantability and/or Fitness for a Particular Purpose. Because we have no control over the actual quality of workmanship, materials used, and worksite conditions, STAUF USA LLC will in no event be liable for any incidental and/or consequential damages. Therefore, we strongly recommend that prior on-site testing be conducted to refer to and study the suitability of the product for the intended purpose. With the release of this Technical Information Sheet, all its prior versions become invalid. For warranty and warranty disclaimer information please see our Limited Lifetime Warranty @ www.staufusa.com

General Features
- Contains no chlorinated solvents
- Contains no solvents
- Contains no VOC (calc. per CA Rule 1168)
- Certified green
- Nonflammable
- Ozone friendly
- Dispersion base cleans with water
- Freeze/thaw stable (with limitations)

Installation Features
- Very low odor
- Cleans with warm water and soap
- Excellent spread rate
- Excellent penetration of subfloor
- Dries quickly
- Higher temp will shorten drying time

Long Term Features
- Resistant against aging
- Improves bonding of STAUF water-based adhesives
- Suitable for radiant heat systems

Approved Subfloors
- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Radiant Heated Subfloors

Approved Trowels and Spread Rate
- Foam Roller: 160-320 SF/gal. depending on sub floor absorption

Drying Time
- Approx. 1 hour

Temperature Range during Installation
- 50-90F (10-32C)

Relative Humidity Range during Installation
- 30% - 80%

Packing Size
- 2-1/2 gal. Plastic Jug

Density [lbs./gal.]
- 8.3

Color
- White

pH value of concrete
- Must be below 12.4

Storage
- Above 32F (two freeze/thaw cycles down to 10F okay)

Shelf Life
- 60 Months in original, unopened container

Transportation
- Above 32F (two freeze/thaw cycles down to 10F okay)