Technical Data Sheet (TDS)

AQP-200 Eco-Prime

Acrylic Concrete Primer

Special features

- Certified "Green"
- contains no solvents, no VOC
- use prior to water based or moisture cured adhesives
- use prior to cementitious or gypsum based leveling compounds

Product Description

AQP-200 is an acrylic based primer created for a dust free installation and better adhesion of all of 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 sub floor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturer's recommendations for sub floor moisture content, design, layout and application of flooring materials. Backing of all flooring material must be solid and sound and free of any anti-adherents. All slab constructions must meet the specific requirements of the floor covering to be installed.

Sub Floor Examination

Prior to installation, the sub floor must be checked according to applicable installation guidelines. It must be solid and sound, permanently dry, clean, free of chaps and anti-adherents, as well as resistant to pressure and tension. Moisture content of all floors must be measured before installation.
Moisture content in concrete sub floors must be below 3#/24h/1,000 sq. ft. 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 sub floor 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 pollutants MUST be removed by suitable means. Extent of sub floor preparation can only be determined at the site by the installer. Clean the surface with an industrial vacuum cleaner, tack or damp mop floor before application. Do not use sweeping compounds as most 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 brush or foam roller. Avoid pudddles as they prolong the drying period. Apply primer once and not too thick. On poorly absorbent sub floors 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 will 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 product if frozen, allow 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 sub floors.
In case of accident, injury, spill or exposure, see SDS sheet for information. Consult 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. herefore, 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 sub floor
- 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 Sub Floors
- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Radiant Heated Sub Floors

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°-90°F

Relative Humidity Range during Installation
- 30% - 80%

Packing Size
- 2½ gal. Plastic Jug

Density [lbs./gal.]
- 8.3

Color
- White

pH value of concrete
- must be below 12.4

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

Shelf Life
- 12 Months in original, unopened container

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