Technical Data Sheet (TDS)

DWS-660 Seal UV

One Component Water-Based Sealer

Special features

- Seals and protects indoor and outdoor concrete
- UV and limited chemical resistance

Product Description
STAUF DWS-660 Seal UV is a one-component water-based acrylic sealer that offers excellent resistance to water blushing without the objectionable solvent odors associated with solvent-based sealers. This product has a fast set time and good stain resistance.

Pre-Installation Checklist
A successful installation requires proper preparation of the subfloor. Read and understand all applicable guidelines and Technical Data Sheets before installation.

Sub Floor Examination
Prior to installation, the subfloor must be checked according to national standards. It must be solid and sound, level, free of indentations, and resistant to pressure and tension.

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).

Mixing of Components
Single component system. Shake well and pour into a sprayer.

Installation Procedure
Spray apply the product using a garden sprayer or drum pump with a spray attachment. Spray evenly and make sure to cover all areas. On very smooth surfaces, use a microfiber applicator to smooth out the product.
If a recoat is desired make sure the previous coat has dried completely. Pressing your fingernail into the coat should not leave an impression. Colder temperatures and higher humidity will prolong drying times. Do not re-coat with any product except the one previously applied.

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 install during rain.
Subfloor temperatures between 32-50°F (0-10°C) will dramatically increase drying time up to 24 hours. Never install the product when subfloor temperature is below freezing or if condensation could occur on the subfloor within 24 hours after application.
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.
Some cleaners may affect the color of the floor installed. Test cleaner in a small area with the intended technique. If no discoloration occurs proceed to clean the entire floor. Restrict traffic and cleaning until the product has fully cured.
Surface may be slippery, especially when wet or contaminated. Keep the surface clean and dry.
Staining can occur with any type of sealer, regardless of product quality or application method. Stains are not considered a warranty issue and are not guaranteed to be prevented. To achieve and maintain the best possible appearance and performance, regular cleaning and maintenance are essential for keeping the floor in optimal condition. Failure to clean the surface regularly can lead to dirt, debris, or staining that may affect the appearance of the sealed surface over time.
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 VOC (calc. per CA Rule 1168)
- Nonflammable
- Dispersion base cleans with water
- Not freeze/thaw stable

Installation Features
- Creates dust free surface
- Very low odor
- Excellent spread rate
- Spreads easily
- Excellent penetration of subfloor
- Dries quickly
- Higher temp and RH will shorten drying time

Long Term Features
- Resistant against aging

Approved Subfloors
- Concrete Slabs

Approved Trowels and Spread Rate
- Spread with Sprayer: up to 400 SF/gal (3 mil)
- then use microfiber applicator on smooth surfaces

Drying Time
- Approx. 2 hours or until clear

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

Relative Humidity Range during Installation
- 20% - 90%

Packing Size
- 2.5 gal. Plastic Jug
- 75 per pallet

Density [lbs./gal.]
- 8.76 lbs/gal

Color
- White

pH value of concrete
- Resistant up to 14

Storage
- Above 32F, not freeze/thaw stable

Shelf Life
- 60 months in original, unopened container

Transportation
- Above 32F, not freeze/thaw stable