

SUREBOND

PROTECTION THAT PAYS

SB-6700

SURFACEPRO ULTRA
JOINT STABILIZING SEALER
With Antifungal Film Protection

SUREBOND SEALERS

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

SB-6700 SurfacePRO Ultra is a proprietary water-based, two-part, water reducible, clear (non-yellowing), aliphatic urethane sealer and joint sand stabilizer with ultimate durability. It can be used inside and outside, on old and new, horizontal or vertical surfaces to provide surface protection and stabilize newly installed joint sand in one application process. SB-6700 can be applied immediately after most surface installations, as it is breathable and will not trap naturally occurring moisture or efflorescence. On new concrete, mortar, grout or overlays, it is recommended to wait 7 days after installation to allow for curing before applying SB-6700. Optimal results when performing same day cleaning, sanding and sealing with SB-6700 can be achieved when following the recommended application process. SB-6700 is specially formulated with an antifungal designed to help inhibit the growth of mold, moss and algae on the sealer film. SB-6700 protects the surface from salts, acids and other corrosive chemicals as well as minimizes overall surface weathering and deterioration. On a newly installed or restored surface, SB-6700 will deeply enhance surface tone with an ultra-wet look, high-gloss finish and provide stain resistance which makes cleaning and maintenance easier. It is non-hazardous and VOC/EPA compliant. SB-6700 is a two component product that requires mixing and dilution before use. Once mixed and diluted, it has the consistency of water, is milky white when applied and dries clear with gloss finish. Cured sealer is freeze resistant to -60°F (-51°C) and is stable up to a temperature of 180°F (82°C).

RECOMMENDED FOR PROFESSIONAL USE ONLY.

WARNING: SB-6700 is extremely difficult to chemically strip from the applied substrate. Multiple applications of AllStrip Sealer Stripper may be required to fully remove sealer from surface. **USE PRODUCT AT YOUR OWN RISK.**

SUITABLE SURFACES:

Suitable for concrete and clay pavers, flat and stamped concrete, masonry, natural and manufactured stone, segmental retaining wall blocks, concrete walls and exposed aggregate. Ideal for shaded areas, pool decks and outdoor showers where mildew, fungus and algae are a concern. Recommended for high-traffic areas where high durability and superior chemical resistance is desired. Safe to use on old or new surfaces in both inside and outside environments. Not recommended

for granite, marble, asphalt, glazed or ceramic tile. Test first to verify performance and appearance before applying.

COVERAGE PER GALLON OF MIXED & DILUTED PRODUCT:

| APPLICATION | SQ FEET | SQ METERS |
|-------------------------------------|-----------|-------------|
| Sealing with joint stabilization | 80 - 120 | 7.4 - 11.1 |
| Sealing without joint stabilization | 200 - 300 | 18.6 - 27.9 |

Coverage based on single application. Actual coverage may vary depending on type, age, condition and porosity of the surface, joint size, application method and site conditions such as temperature & humidity. For more uniform coverage a second coat must be applied after the first coat has dried to the touch.

PREPARATION:

TEST SEALER FIRST on a small inconspicuous area to determine suitability and if desired results are achievable with this product. Before sealing, surface should be thoroughly cleaned and prepared with Surebond Cleaners. For spot cleaning, use S.R.B. and/or Oil Extractor before cleaning the surface overall with SureClean. Use Efflo Off for efflorescence cleaning and SureStrip to remove previously applied sealer, other than SB-6700. Remove and kill any mold, mildew, fungus or algae. For joint stabilization in existing surfaces, old joint sand should be removed to a minimum depth of 1" from the top of surface. Thoroughly rinse all cleaner residue from the surface. For applications without joint stabilization, SB-6700 can be applied to a damp surface with NO ponding or pooling of water present. For applications with joint stabilization, allow the surface to dry before sand and sealer application.

Joint Sand Installation: Surface must be dry for ease of installation. Paver joints should be no more than 3/4" wide and filled with ASTM C144 joint sand. Vibrate surface with vibratory roller or compactor after sweeping sand into joints to minimize air voids. Sand level should not exceed the bottom of the chamfer edge or 1/8" down from the top on non-chamfered surfaces. Do not use wet joint sand because it will severely diminish joint stabilization.

Prior to Sealing: Use a leaf blower to remove dust, debris and fine sand particles from the surface. Cover/protect nearby landscape, vehicles, and buildings from overspray during application.

| FEATURES | SURFACEPRO SEALERS | |
|--|--------------------|-----------------|
| | SB-6750 PREMIUM | SB-6700 ULTRA |
| Joint Sand Stabilization – Reduces Sand Loss | Great | Optimal |
| Enhancement – Darkens Surface Tone | Deep | Ultra |
| Sheen – Shine or Luster | Gloss | High-Gloss |
| Durability – Long Term Performance | Great | Ultimate |
| Stain Resistant | Good | Best |
| Yield Per Kit | 10 - 15 gallons | 15 - 20 gallons |
| Damp Application (no puddling or pooling) | ✓ | ✓ |
| Antifungal Film Protection – Inhibits Mold, Moss & Algae | ✓ | ✓ |
| Breathable – Does Not Trap Moisture or Efflorescence | ✓ | ✓ |
| Low VOC – Environmentally Friendly, Water Based Formula | ✓ | ✓ |

ALWAYS PERFORM A TEST AREA BEFORE SEALING SURFACE. SOME SURFACES MAY REQUIRE AN ANTI-SLIP ADDITIVE TO INCREASE FRICTION.

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FULL KIT SB-6700 MIXING INSTRUCTIONS:

SB-6700 is a two-part product that comes packaged in a kit which contains one five gallon pail of **Part A** and two one gallon containers of **Part B**.

Tools Needed:

- Variable Speed Drill • Paddle Mixer • One Clean Five Gallon Pail

Mixing Instructions:

1. Using the **SB-6700 Marking Label** as a guide (found on **Part A** five gallon pail), mark the **PART A LINE** on a clean five gallon pail.
2. Pour half of **Part A** into the 5 gallon pail up to the **PART A LINE**. Contents of both pails should be at the **PART A LINE**.
3. Blend one container of **Part B** into one pail containing **Part A** with a drill and paddle mixer on low speed for 1-2 minutes. Do not whip air into the mixture.
4. Repeat step 3 with the remaining container of **Part B** and the remaining five gallon pail containing **Part A**.

Pot Life: SB-6700 Mixture (combined Parts A and B) has a pot life of 90 minutes which varies based on temperature and humidity. Do not mix more material than can be used in a 90 minute period. Do not store **SB-6700 Mixture**. If less than the entire kit is needed, see Project Calculator for more information.

SB-6700 DILUTION INSTRUCTIONS:

Before application, the **SB-6700 mixture** must be diluted with water following one of two recommended dilution rates: **D1 or D2**. Choose the dilution rate that will produce the desired level of joint stabilization, enhancement and sheen. When applying the recommended two coats, the dilution rate of each coat can be the same or different based on desired outcome. See chart below to assist in selecting the appropriate dilution level for the project. The use of any dilution rate other than **D1 or D2** is not recommended.

| 1st Coat Dilution Rate | 2nd Coat Dilution Rate | Joint Stabilization Strength | Enhancement Level | Sheen Level |
|-------------------------------|------------------------|------------------------------|-------------------|-------------|
| D1 OPTIMAL PERFORMANCE | D1 | Ultimate | Ultimate | High-Gloss |
| D1 | D2 | Ultimate | Ultimate | Gloss |
| D2 | D1 | Best | Best | Gloss |
| D2 | D2 | Best | Best | Semi-Gloss |

Tools Needed:

- Variable Speed Drill • Paddle Mixer • One or Two Additional Clean Five Gallon Pails (Quantity varies based on desired dilution.)

1:1 Dilution Ratio (D1):

Suitable on all surfaces to create a high-gloss sheen with optimal joint sand stabilization. Can also be used as a sealer without joint stabilization.

Yields 15 gallons of ready to use SB-6700.

Full Kit D1 Dilution Instructions:

1. Before diluting, use the SB-6700 Marking Label as a guide (found on **Part A** pail), mark **D1** on one empty five gallon pail and on the second mixture pail that isn't labeled.
2. Pour approximately a third of the **SB-6700 Mixture** from each mixture pail into the empty pail. The contents of all three pails should now be at the **D1** line.
3. Fill each pail to the top rib (1.5" down from the top of pail) with water.
4. Using a drill with paddle mixer, mix on low speed for 1 – 2 minutes. Do not whip air into the dilution.

DILUTION 1 (D1) - SB-6700 SurfacePRO Ultra Project Coverage Calculator

| TOTAL SQUARE FEET YIELD* | | SB-6700 SurfacePRO ULTRA | | DILUTION | D1 Total Volume |
|-----------------------------------|----------------|--------------------------|---------------------------|--------------|-----------------------|
| Sealing with Joint Stabilization* | Sealing Only** | Part A | Part B | Add Water*** | |
| 1,500 | 3,750 | 5 Gallons | Full kit 2 Gallons | 8 Gallons | 15 Gallons |
| 750 | 1,875 | 2.5 Gallons | Half kit 1 Gallon | 4 Gallons | 7.5 Gallons |
| 375 | 940 | 5 Quarts | 2 Quarts | 2 Gallons | 3.75 Gallons (15 Qts) |
| 190 | 470 | 2.5 Quarts | 1 Quart | 4 Quarts | 7.5 Quarts |
| 95 | 235 | 2.5 Pints | 1 Pint | 4 Pints | 7.5 Pints |

* Coverage rate used for joint stabilization - 100 SF per gallon. ** Coverage rate used for sealing - 250 SF per gallon. *** Add water to make total volume

†Single Application. Actual coverage may vary depending on the type, age, condition, joint size and porosity of the surface, application method and site conditions such as temperature.

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SUREBOND SEALERS

TECHNICAL DATA SHEET

2:1 Dilution Ratio (D2):

Suitable on all surfaces to create a satin/semi-gloss sheen with great joint sand stabilization.

Yields 20 gallons of ready to use SB-6700.

Full Kit D2 Dilution Instructions:

1. Before diluting, use the SB-6700 Marking Label as a guide (found on **Part A** pail), mark **D2** on two empty five gallon pails and on the second mixture pail that isn't labeled.
2. Pour approximately half of the **SB-6700 Mixture** from one of the mixture pails into one of the empty pails.
3. Repeat step 2 with remaining pail of **SB-6700 Mixture** and the remaining empty five gallon pail. The contents of all four pails should be at the **D2** line.
4. Fill each pail to the top rib (1.5" down from the top of pail) with water.
5. Using a drill with paddle mixer, mix on low speed for 1 – 2 minutes. Do not whip air into the dilution.

DILUTION 2 (D2) - SB-6700 SurfacePRO Ultra Project Coverage Calculator

| TOTAL SQUARE FEET YIELD [†] | | SB-6700 SurfacePRO ULTRA | | DILUTION | D2 Total Volume |
|--------------------------------------|----------------|--------------------------|--------------------|-------------------|-----------------|
| Sealing with Joint Stabilization* | Sealing Only** | Part A | Part B | Add Water*** | |
| 2,000 | 5,000 | 5 Gallons | Full kit 2 Gallons | 13 Gallons | 20 Gallons |
| 1,000 | 2,500 | 2.5 Gallons | Half kit 1 Gallon | 6.5 Gallons | 10 Gallons |
| 500 | 1,250 | 5 Quarts | 2 Quarts | 3.25 Gal (13 Qts) | 5 Gallons |
| 250 | 625 | 2.5 Quarts | 1 Quart | 6.5 Quarts | 2.5 Gallons |
| 125 | 315 | 2.5 Pints | 1 Pint | 6.5 Pints | 5 Quarts |

* Coverage rate used for joint stabilization - 100 SF per gallon.

** Coverage rate used for sealing - 250 SF per gallon.

*** Add water to make total volume

†Single Application. Actual coverage may vary depending on the type, age, condition, joint size and porosity of the surface, application method and site conditions such as temperature.

APPLICATION INFORMATION:

Apply when day and night temperatures are between 40°F - 95°F. Maximum surface temperature should not exceed 120°F. To cool hot surfaces, mist with water without ponding or pooling prior to applying SB-6700. Avoid windy conditions to keep sealer spray from drifting. **SB-6700 is a two part product: read and follow the Mixing and Diluting Instructions before applying.** Use product coverage calculators to determine the amount of material required for the project; material coverage will depend on the surface type and its porosity. Excessive applications may decrease breathability and/or cause surface to become slippery. Some surfaces, such as travertine, pool decks and very smooth substrates, may require an anti-slip additive to increase friction. On large projects, it may be necessary to work in smaller more manageable sections.

Application Tools: low pressure high volume sprayer, slit foam roller, foam squeegee for joint stabilization

Spray & Back Roll Application (no joint sand stabilization): Use coverage rate for sealing without joint stabilization. Hold sprayer nozzle perpendicular to the surface, spray and overlap each spray pass. Saturate the surface to ensure proper coverage. Do not apply too thick to avoid air bubbles in the sealer film. Before sealer dries, back roll surface with a foam roller to eliminate any pooling and to even out the sealer. For optimal performance a second application should be applied. Second coat should be applied as soon as practical after the first application has visually cleared and is dry to the touch, which is usually within one hour. Second application must be applied prior to full

cure (see Dry Time for more information). With interior applications, SB-6700 may be carefully sprayed or applied with a slit foam roller taking care not to roll back and forth excessively.

Flood Coat & Squeegee Application for Joint Stabilization:

Use coverage rate for sealing with joint stabilization. Liberally spray sealer to flood surface and joints ensuring proper sand penetration for stabilization. Saturate the surface to ensure proper coverage. Do not apply too thick to avoid air bubbles in the sealer film. Use a foam squeegee to direct excess sealer into joints. On an uneven surface, it is recommended to then back roll with a slit foam roller to even out the sealer and eliminate pooling. For optimal performance a second application should be applied. Second coat should be applied as soon as practical after the first application has visually cleared and is dry to the touch, which is usually within one hour. Second application must be applied prior to full cure (see Dry Time for more information).

DRY TIME:

Surface will be dry to the touch within 1 - 2 hours assuming 65 - 85°F at 50% relative humidity. Low surface or air temperature and or high relative humidity will extend dry times. Protect the surface from dust, rain, condensation and traffic while drying. Full cure will take 24 – 36 hours depending on weather and site conditions. After surface has visually cleared and is dried to the touch, area can be open to foot traffic in 24 hours and vehicular traffic in 48 hours depending on weather and site conditions.

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CLEAN UP:

For tools and equipment, clean with soap and water before product is allowed to dry.

MAINTENANCE/RE-APPLICATION:

Sealed surfaces should be properly maintained following Surebond's Restoration and Maintenance guidelines to get the best long-term performance from both the pavement and SB-6700. To prevent build-up of dirt, grime and stains, rinse surface regularly with clean water. If stains do occur, Surebond cleaners are compatible with Surebond sealers. Consult cleaner instructions to determine if they are ready to use or if they require dilution. Test cleaners in an inconspicuous area prior to cleaning the entire surface. When using a pressure washer, do not use excessive pressure as it may erode joint sand and/or damage the surface. Thoroughly rinse the surface of cleaner residue.

SB-6700 re-application may need to be carried out every 3 - 5 years depending on the type of surface and environmental/site conditions.

PACKAGING:

Kit Contents: One five gallon pail of **Part A**
Two one gallon containers of **Part B**
24 kits per pallet

STORAGE: Keep container tightly closed in a cool, well-ventilated place. Do not allow to freeze. Do not store unused mixed and/or diluted product and dispose of it properly.

SHELF LIFE: 1 year from manufacture date when stored in unopened and original containers. (50° F - 80° F)

POT LIFE: 90 minutes at 75° F

VOC CONTENT: < 50 g/L

PRECAUTIONARY INFORMATION:

Protect sealer from freezing and store in a cool place when not in use. In winter, keep in heated area. On new concrete wait a minimum of 7 days before sealing to allow the surface to cure. This sealer is not recommended for marble, granite, ceramic tile, and polished surfaces with a high gloss as they do not absorb the sealer. **Recommended for professional use only.** SB-6700 is extremely difficult to chemically strip from the applied substrate. Multiple applications of AllStrip Sealer Stripper may be required to fully remove sealer from surface. Use product at your own risk. A test area is ALWAYS recommended to determine product suitability and compatibility with your specific surface before use and to verify if desired results are achievable. Due to the inherent variability of natural stone and clay products, long term performance may vary. Please consult with SEK-Surebond prior to sealing if there are concerns. The use of an anti-slip additive is recommended for increased traction on surface inclines or around

consistently wet areas such as pool deck surrounds. A minimum temperature of 40° (5°C) must be maintained for a period of 24 hours prior to application. Surface temperature should not exceed 120°F (49°C) during application. Work should cease in inclement weather (rain or strong wind).

KEEP OUT OF REACH OF CHILDREN • Use in a well ventilated area
• Do not breathe vapors, spray or mist • Wear protective gloves, clothing, face and eye protection • Wash thoroughly after handling (See Safety Data Sheet for complete information.)

EMERGENCY & FIRST AID MEASURES:

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a doctor or emergency medical facility (i.e. 911) if they feel unwell **IF SWALLOWED:** Drink plenty of water. Call a **POISON CENTER** or physician if you feel unwell. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation occurs. Take off contaminated clothing and wash before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs. **IN CASE OF FIRE:** Use water, water fog, dry chemical, CO₂ or alcohol resistant foam to extinguish. (See Safety Data Sheet for complete information.)

WARRANTY:

SEK-Surebond warrants its products to substantially conform to its published specifications at the time of purchase. The foregoing is the sole limited warranty applicable to the products. **SEK-SUREBOND HEREBY DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND OR NATURE, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY OTHER THAN THE WARRANTY SET FORTH ABOVE.** The user is solely responsible for determining suitability of the products for their particular use. While the actual application of this product is out of the control of SEK-Surebond, it is recommended that the application guidelines be followed completely and accurately. SEK-Surebond's liability for any damage shall not exceed the purchase price of the product used, and it shall have no liability for consequential, incidental or punitive damages.

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