

LEVEL SET WEAR TOPPING

Preparation (cont'd)	Refer to
<p>5. Repair deep areas, holes and nonmoving cracks with ProSpec[®] Vinyl Concrete Patcher or Floor Patch prior to application and allow to cure for a minimum of 3 hours.</p> <p>6. ProSpec Level Set Primer must be applied over entire substrate. Do not apply over standing water.</p> <p>7. Allow ProSpec Level Set Primer to dry completely to a tacky translucent film with no milky wet spots before installation of the underlayment. Do not bridge over existing expansion or control joints.</p>	<ul style="list-style-type: none"> • ASTM D 4259 <u>Abrading Concrete</u> • ACI 201.1R <u>Guide for Making a Conditions Survey of Concrete in Service</u> • ACI 224.1R93 <u>Causes and Repair of Cracks in Concrete Structure</u> • ICRI 03732 <u>Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays</u>
<p>8. For porous or highly porous substrates 2 coats of ProSpec Level Set Primer may be necessary. The dilution rate may vary from 1:1 to 1:3 (primer to water).</p> <p>9. The surface of Level Set Wear Topping must always be protected and since sealers and coatings vary, always do a test area and contact the supplier for specific application directions. Level Set Wear Topping is a cement based product and therefore should be compatible with most sealers and coatings.</p> <p>NOTE: It is the responsibility of the installer/applicator to ensure that test areas are performed to determine the suitability of the product for its intended use.</p>	

Priming		
<p>Concrete:</p> <ul style="list-style-type: none"> • All substrates must be clean, dry and primed before Level Set Wear Topping is applied. Subfloor temperature must be at least 40° F (4° C). One gallon (3.8 L) of ProSpec Level Set Primer mixed with one gallon of clean potable water will cover approximately 350-400 sq. ft. 	<p>(33 to 37 sq. m) of floor area. Primer must be applied evenly with a nylon push broom with exploded tips. Do not use paint rollers, mops, or spray equipment. Apply a thin primer layer leaving no bare spots, puddles or excess primer. Allow to dry to a clear, thin film (usually 3 hours, but less than 24 hours). To avoid the development of</p>	<p>bubbles and pin holes in the Level Set Wear Topping, very absorbent concrete may require two applications of Level Set Primer. Apply the first coat of Level Set Primer diluted with 3 parts water, let completely dry and install a second application of Primer mixed 1:1 with water. Let dry, then apply Level Set Wear Topping.</p>

Mixing		
(See recommended tools)		
<p>1. Mix 2 bags of Level Set Wear Topping at a time. For EACH bag add 4.5 qts. (4.3 L) of clean potable water into a clean mixing drum.</p> <p>2. Then add the Level Set Wear Topping bags, while mixing at full speed with a paddle mixer attached to a heavy-duty 1/2" drill (min. 650 r.p.m.).</p> <p>3. Mix completely for a minimum of 2-3 minutes until lump free, adding no additional water.</p>	<p>4. Level Set Wear Topping will level itself for 20 minutes at 70° F (21° C) no troweling needed.</p> <p>5. Pour the blended Level Set Wear Topping on the floor and disperse with the Level Set spreader, followed by smoothing the material with the Level Set smoother. Cleated shoes must be worn to avoid leaving marks. Level Set Wear Topping can be applied from 1/4" to 5" (6 to 127 mm).</p>	<p>6. It is recommended that two (2) Level Set mixing drums be used simultaneously. Mixing in one while pouring the other. This way there is no job slow down while still mixing for the required 2-3 minutes</p> <p>7. After use clean all mixing equipment thoroughly to avoid getting hardened product into subsequent batches.</p> <p>8. Level Set Wear Topping can also be pumped affording high productivity and continuous smooth placement.</p>

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Placement

1. All applications require the use of a ProSpec LEVEL SET PRIMER prior to the placement of Level Set Wear Topping.
2. Floor preparation is crucial in obtaining a successful underlayment installation. The contractor is responsible for ensuring the substrate is properly prepared prior to application of ProSpec Level Set Wear Topping. Do not apply over lightweight or gypsum base concrete. A test application is recommended.
3. Level Set Wear Topping can be applied from 1/4" to 2" (6 to 51 mm) without extension with aggregate, and up to 5" (127 mm) extended. To extend, blend the Level Set Wear Topping with washed, dried, clean 3/8" (10 mm) pea gravel.
4. Mix Level Set Wear Topping first with water, then add 15 lbs. (6.8 kg) of the aggregate, mixing until the pea gravel is coated, then place.
5. Be aware that wet aggregate may cause over watering and the addition of aggregate will reduce the workability and may necessitate a finish coat.
6. Allow the extended layer to dry, normally 16-18 hours.
7. Prime the surface with Level Set Primer mixed 1:1 with water per the priming instructions outlined. When this primer is completely dry, install the smooth unextended finish layer.

Clean Up

Use water to clean all tools immediately after use.

Tools

The following tools will assure a cost effective, satisfactory Level Set Wear Topping installation. Call ProSpec for details.

- Level Set Mixing Drum
- Level Set Mixing Paddle
- Level Set Measuring Pails
- Level Set Depth Gauge Spreader
- Level Set Surface Smoother
- 1/2" Heavy-Duty Drill

Coverage

50 lb. (22.7 kg) bag covers approximately 20 ft² (2 m²) at 1/4" (6 mm) thickness.

Colors

White and gray

Packaging

50 lb. (22.7 kg) moisture resistant bags

Storage

Always keep in cool/dry place unexposed to sunlight and tightly reseal container. Prevent Level Set Primers from freezing.

Shelf Life

One year when stored properly in original unopened container.

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Best Performance

- For interior use only
- Apply when air or substrate temperature is between 40° F (4° C) and 100° F (38° C)
- Do not install over gypsum based surfaces
- Do not over water, retemper, or add additional additives
- Always install a test area, insuring suitability of Level Set Wear Topping for intended use
- Rely upon floor covering or sealer manufacturer for directions concerning maximum allowable moisture content of sub-floor, adhesive selection etc.
- When covering wood, ProSpec Level Set is recommended
- It is recommended that two mixing drums be used simultaneously, mixing one while pouring the other
- Sealing and coating can usually proceed in 24 hours

Caution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. WARNING!

Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In

case of contact, flush thoroughly with water. The wearing of gloves and safety goggles is recommended.

In case of eye contact, flood eyes with potable water and call physician. DO NOT RUB EYES.

Do not take internally. Crystalline silica sand may cause serious lung problems. Avoid breathing dust and wear a respirator in dusty areas.

Consult Material Safety Data Sheet for further information

First Aid

Inhalation: Remove to fresh air
Eye Contact: Irrigate eye with water or consult physician if irritation persists.

Skin Contact: Washed exposed skin area with soap and water; consult a physician if irritation persists

Ingestion: Immediately consult a physician

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