

Shur Deck Compound

PRODUCT DESCRIPTION

Shur Deck Compound is a dry, polymer modified material mixed with water to create a cementitious mortar. Shur Deck Compound is a multi-purpose material used as the primer, bondcoat, bodycoat and texture coat in the Shur Deck system. When used in conjunction with the Shur Deck system components, Shur Deck Compound provides a seamless, flexible, skid-resistant, crack-resistant, waterproof walking surface with a wide variety of finish options and textures.

CHARACTERISTICS

- Solvent-free and environmentally friendly.
- Outstanding long-term durability and performance.

CAUTIONS & LIMITATIONS

- The substrate surface must be structurally sound, clean, dry and free of dirt, dust, oil, grease, paint or other contaminants at the time of material application.
- Substrate and ambient temperature must be above 40°F (4°C) and below 120°F (48.8°C) during and for 24 hours following the application.
- Do not apply in inclement weather, when rain is occurring or expected within 24 hours.
- Not designed for vehicular or heavy steel wheeled traffic.
- Designed for professional use.
- Cementitious materials should be used within 30 minutes, do not re-temper.
- Applications in elevated humidity conditions will require additional drying time before continuing the system.

COLOR

Shur Deck Compound is a white powder blend.

PACKAGING

50 lb (22.7 kg) bag

MIXING

Primer Coat - Concrete

Mix one 50 lb (22.7 kg) bag of Shur Deck Compound with 1 to 1.5 gallons of water. Mix until a smooth, even consistency is achieved. Be sure to incorporate material on the sides and bottom of the mixing container to avoid lumps.

Bondcoat, Bodycoat, Texture Coat

Mix one 50 lb (22.7 kg) bag of Shur Deck Compound with 1 to 1.25 gallons of water. Mix until a smooth, even consistency is achieved. Be sure to incorporate material on the sides and bottom of the mixing container to avoid lumps.

APPLICATION

Primer Coat - Concrete

Apply primer coat using a mixture of 1.5 gallons of water to one 50 lb. bag of Shur Deck Compound along the flashing surfaces where bonding will occur using a brush. Ensure complete coverage.

Bondcoat - Plywood

Apply one coat of Prep Seal Primer to the plywood substrate using a 3/8 to 3/4 inch paint roller, ensuring complete coverage.

TECHNICAL DATA

Coverage

Primer Coat	160-180 ft ² (15-17 m ²)/50 lb bag at 1/32" (0.8 mm)
Bondcoat over Plywood	40-45 ft ² (3.7-4.2 m ²)/50 lb bag at 1/8" (3.2 mm)
Bodycoat over Concrete	
Bodycoat	90 ft ² (8.37 m ²)/50 lb bag at 1/16" (1.6 mm)

VOC 0 g/L (ASTM D3960)

Solids by Volume 100%

Solids by Weight 100%

Coverage rates are approximate only and can vary greatly due to surface conditions, humidity, temperature and installation techniques.

Install a minimum 2.5 lbs per sq. yd. of galvanized expanded metal lath, perpendicular to plywood sheets over the entire deck area with the seams butted together and not overlapped. Lath must be installed over metal flashing, stopping a minimum of 1 inch (25.4mm), from any deck edge or vertical juncture. Where a fire resistive rating is NOT required, plastic lath can also be used provided it is rated as an equal to 2.5 lbs per sq yd. galvanized expanded metal lath. The lath seams must be staggered a minimum of 2 inches (51mm) from plywood joints with lath sheet ends staggered a minimum 12 inches from any adjacent sheets. A minimum of 22 staples per sq. ft. (minimum 5/8 inch leg X minimum 3/4 inch crown 16 ga.) (238 staples per sq. m.) is required to attach the lath to the plywood substrate. In addition, the lath seams are attached to the plywood substrate with 12 staples per LFT (38 staples per meter) with the staples crossing the seam. Staples should be placed from the center of the lath to the outside edges so as not to form bulges. Check for high staples and lath edges, driving them flush using a hammer before continuing.

Apply Shur Deck Compound mixed with 1 to 1.25 gallons of water to one 50 lb. bag, over the horizontal metal lath surface using a trowel, at a minimum 1/8 inch (3.2mm) ensuring that all metal and plywood is completely covered and that the surface is flat. Allow to dry a minimum 8 hours at 70°F (21°C) 50% RH, before continuing check for high staples and lath edges. If necessary, drive them flush using a hammer.

Proper application of the bondcoat will allow you to see the pattern of the lath without seeing bare metal and without pockets or low spots of bondcoat material. After cure, check the surface of the bondcoat and remove minor surface imperfections and high points by lightly trowel scraping the area. Remove debris.

Bondcoat - Concrete

When applying Shur Deck over a concrete substrate, Prep Seal Primer and metal lath are not used.

Apply Shur Deck Compound mixed with 1.25 gallons of water to one 50 lb. bag, over the horizontal concrete surface using a trowel, at a minimum 1/16 inch (1.6mm) ensuring that all concrete surfaces are completely covered and that the surface is flat. Allow to dry a minimum 6 hours at 70°F (21°C) 50% RH. After cure, check the surface of the bondcoat and remove minor surface imperfections and high points by lightly trowel scraping the area. Remove debris.

Product Data Sheet

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Bodycoat

Apply Shur Deck Compound mixed with 1.25 gallons of water to one 50 lb. bag, over all vertical and horizontal surface areas. Brush or trowel apply to vertical areas and trowel apply to the entire deck surface. Allow the first coat to dry a minimum of 1 hour before proceeding with any second application. Allow to dry a minimum of 24 hours at 70°F (21°C) 50% RH, and sand the surface using medium 120-grit sandpaper, sanding discs, or soft burnishing pad as necessary to produce the desired level of finish. Remove any dust or debris.

Texture Coat

A texture coat consisting of the identical or slightly wetter (maximum of 1.5 gallons of water) material mix used for the bodycoat may be applied using a hopper gun if desired. Use a trowel to knock-down or flatten the material while it is still wet. Allow to dry a minimum of 24 hours at 70°F (21°C) 50% RH, and sand the surface using medium 120-grit sandpaper, sanding discs, or soft burnishing pad as necessary to produce the desired level of finish. Remove any dust or debris.

Always apply Prep Seal intercoat primer after the bodycoat or texture coat and between any Shur Deck system layers that have cured for 72 hours or more.

FIRST AID

EYE CONTACT

Flush eye with water for at least 15 minutes. Get medical attention promptly.

INHALATION

Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Get immediate medical attention.

SKIN CONTACT

Wash affected area thoroughly with soap and water. Remove contaminated cloths and launder before reuse.

INGESTION

Do not induce vomiting. Get medical attention immediately.

SPILL

For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust. For wet material, scoop material up and transfer to an open container. Allow material to dry before disposal. Keep spilled products out of sewers, streams, and water systems.

HANDLING & STORAGE

Store Shur Deck Compound in a dry environment at temperatures between 40°F and 100°F (4°C and 38°C). Do not store in direct sunlight. Keep Shur Deck Compound Filler bags off the ground and prevent exposure to moisture during transport and storage.

Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying these products.

SHELF LIFE

The shelf life is six (6) months from the date of manufacture in the original, unopened container if properly stored.

WARRANTY

Limited manufacturer's defect warranty. Contact Mer-Ko's Technical Service Department for specific warranty information or www.parexmer-ko.com.

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