



westcoat[®]
SPECIALTY COATING SYSTEMS

**PRODUCT
SPECIFICATION**

WP

WATERPROOF
RELIABLE MOISTURE BARRIERS

WP-35 ALX™ Deck Drain

Description

Westcoat WP-35 ALX™ Deck Drain is a high quality, 26 gauge, marine grade 316 stainless steel, bowl deck drain.

Uses

WP-35 is designed to be used with Westcoat ALX™ and ALX™ Pro Systems.

Advantages

Marine Grade 316 Stainless Steel • 4" Round Bronze Grate • Made in the USA • Easy to Install

Product Data			
Packaging	n/a	Color	Stainless Steel with Bronze Grate
Coverages	n/a	Mix Ratio	n/a
VOC Content	0 gm/l	Shelf Life	Indefinite when stored properly

Inspection

For installation of the ALX™ system, plywood must be minimum 5/8 inch (3/4 inch preferred) CDX or exterior grade. Slope must be a minimum of 1/4 inch per linear foot and shall provide for proper drainage. Decks should meet local building codes. The deck shall be tongue and groove, properly blocked and nailed (glued and screwed is best). Plywood shall have a maximum joist span of 16 inches. Deflection should be less than L/360. OSB is not a suitable substrate for this material.

Preparation

Be sure the plywood is clean, dry and free of grease, paint, oil, dust or any foreign material that may prevent proper adhesion. "Dry" plywood is typically defined as having less than a 10% moisture reading or by showing no moisture with a plastic sheeting test. Applicator is responsible for ensuring that the substrate is acceptable for application.

Application - Sheet Membrane

WP-43H Sheet Membrane Primer should be used under certain conditions. For detailed instructions see System Specification Sheet for system being installed.

One method of application is to roll out the WP-40 Sheet Membrane with the white side up and measure individual lengths with 2 inch minimum overlap. Pull the material tight from each end and remove the 2½ inch strip of the overlap release film and adhere to the deck. Remove the remaining film and adhere to deck. Overlapping ends a minimum of 6 inches.

Another method is to pull 12 to 24 inches of the release film and position the roll where desired. Adhere the membrane firmly onto the deck. Begin pulling the release film in the opposite direction. The roll will follow as the release film is removed. Smooth the membrane as the adhesive back comes into contact with the deck.

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Application - Deck Drain

Place the Deck Drain on top of the Sheet Membrane in desired location. Place the WP-25 Metal Lath on top of the Drain (cutting out an area around the Drain Cap) and entire deck and cut it to fit the area, making sure the edge of the lath is offset two inches from any parallel plywood seams. The lath should run across the grain of the plywood (across the long seams) when possible. The lath has a grain and it should be placed so that it curves down at the edge of the deck. The lath should be held back ½ inch from all deck edges. This will allow the coating material to be feathered with a brush. With the lath in place, start in the center working your way out, stapling the lath using 16-20 staples per square foot (minimum 1 inch crown x 5/8 inch long, 16-gauge non-corrosive Senco P10). Overlap the lath 1-2 inches and staple every 1-2 inches along the seam. With a hammer, pound down any seams or staples that are higher than the lath.

Pour 1¼ gallons of WP-81 Cement Modifier and desired water (up to one quart) into a clean mixing bucket and then add one bag of TC-1 Basecoat Cement. Mix until uniform with a mechanical mixer at a low rpm. Pour the mixture (4½ gallons total) onto the lath and with trowel on edge, smooth to the top of the lath at the rate of 40 square feet per batch, leaving a 2 inch gap completely around the Deck Drain Cap. Use a paintbrush to spread the base coat onto the flashing, ensuring the mixture coats all corners. Using a brush wet with water, feather all outside edges. Tap the deck with a hammer to help in smoothing out trowel ridges. As soon as it is dry, usually 1 to 2 hours at 70 degrees, scrape off any high spots or ridges that may prevent a smooth slurry coat.

For the ALX™ Standard and ALX™ Custom Systems- Install the Slurry, Texture and Topcoat/Custom Finish right up to the Deck Drain Cap. See ALX™ Standard and ALX™ Custom System Specification Sheets for detailed application instructions of those steps.

For the ALX™ Pro Standard and ALX™ Pro Custom Systems- Lay out WP-47 Fiberlath reinforcing mesh on the deck, overlapping the seams approximately 2 inches and leaving a 1 inch gap completely around the Deck Drain Cap. Combine one bag of TC-1 Basecoat Coat Cement with five gallons of WP-90 Waterproofing Resin. Mix with a mechanical mixer until uniform. Pour the mixture into the WP-47, trowel thin and smooth at the coverage rate of approximately 250 square feet per batch. Use a paintbrush to spread the base coat on the flashing, ensuring the mixture covers all seams and corners. Using a brush, wet with water, feather all outside edges. Allow surface to dry for 1-4 hours at 70 degrees. Scrape off any high spots or ridges that may inhibit application of a smooth texture coat. Trim any mesh that is showing on perimeters after the material has hardened.

Install the Slurry, Texture and Topcoat/Custom Finish right up to the Deck Drain Cap. See ALX™ Pro Standard and ALX™ Pro Custom System Specification Sheets for detailed application instructions of those steps.

Clean Up

Uncured material can be removed with soap and warm water. If cured, material can be removed mechanically or with an environmentally-safe solvent.

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Maintenance

See System Specification Sheets for maintenance instructions on system being installed.

Health Precautions

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Cements contain silicas; dust mask or respirator should be used when mixing, sanding or grinding.

Solvent based products are extremely flammable, extinguish all pilot lights and sources of ignition such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

Limitations

- Read System Specification Sheets for exact system you will be installing before beginning the project.
- Do not apply at temperatures below 50°F or above 90°F.
- Rain will wash away uncured Westcoat acrylic products.
- If inclement weather threatens, cover deck to protect new application
- For Professional Use Only
- Sealers will make the surface slippery, please be aware the texture of the surface and how the sealer will affect the look, feel and skid resistance.
- Approval and verification of proposed colors, textures and slip resistance is recommended.
- Do not allow Westcoat products to freeze.

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