



# ALX/MACoat

## Specs and Installation

Second-story decks are popular outdoor spaces in both residential and commercial buildings, but unless they are waterproofed in some fashion, the space underneath can essentially be useless or even get destroyed. In order to help combat moisture problems, Custom Concrete Coatings offers two popular and proven waterproofing coating systems: ALX and MACoat by Westcoat.

ALX is specially designed for application over plywood substrates. With that in mind, the coating includes a reinforced galvanized metal lath. The lath only weighs 2.5 pounds per square foot.

ALX can also be used for interior applications as a decorative topping designed to resurface a plain plywood subfloor into a decorative, water-resistant, concrete-like finish. It can be used for living areas, lobbies, offices, restaurants and hotels or wherever a thin, decorative and durable floor finish is desired over plywood.

MACoat on the other hand, is designed to be applied over concrete surfaces. It uses a fiber lath for reinforcement and as a result is very lightweight.

Despite their obvious differences, the two coatings are pretty similar. From a performance standpoint, they do the same thing and serve as a moisture barrier for your home or business.

Both systems provide barriers to moisture by utilizing layers of acrylic resins and cement blends, with layers applied in steps. Ranzau lists three main advantages they have compared to polyurethane coatings: they are environmentally friendly, fast-drying and offer a variety of decorative finishes. "Westcoat waterproof deck coatings can be made to look like tile, slate or flagstone, and in any color you can imagine," he notes. "ALX and MACoat not only offer outstanding waterproofing capabilities but also enhance the look of balconies, walkways, decks and other high-traffic areas." The products can only be applied between 55 F and 95 F, and depending on temperature, each layer takes two to six hours to dry. The surface can also be opened up to pedestrian traffic for use between coats.

**Contractors, builders, homeowners, please call Custom Concrete Coatings today for more information at 281.468.9971 or email at [info@cementsurfaces.com](mailto:info@cementsurfaces.com)**

# Westcoat ALX System



## SCOPE OF WORK

**A** Subfloor 3/4" Plywood, glued & nailed with galvanized ring-shank nails on joists spaced with a 16" off center max span. Slope must be built into the deck frame at a minimum of 1/4" per liner foot continuous to the lowest edge where water will run off. Slope is essential for drainage.

**B** Boral Seal mill thick fiber reinforced self-adhering, self-sealing waterproof membrane that runs continuously over the deck including turning up walls and posts 6" and down edge 1".

**C** 2.5 lb. hot dipped galvanized metal diamond lath stapled down. All sheet edges overlap by 1"-2". Not in illustration above, this step includes the following flashings: 20 gage stainless steel sheet metal flashing. All deck to wall transitions receive 4"x6" L flashing including posts and other turned up penetrations such as drains etc. Drip edge is typically 4"x2" however

custom down legs are available. Door pans to be installed will be made of stainless steel spec mentioned above with soldered corner transitions. All flashings will be stainless steel – substitute for bonderized metal.

**D** Base Coat - WP-81 high solids acrylic polymer is mixed with TC-1 engineered cement and is troweled in place over the lath. When cured this creates the main waterproofing membrane of the system. This is a 2 coat system that makes up both the base coat and the slurry coat.

**E** Fiberglass texture coat is installed with H&C Dual Component/Westcoat TC-1 smooth concrete. It is mixed with WP-81 for bondage and strength. The finish coat can be applied with pattern and designs of choice by the customer.

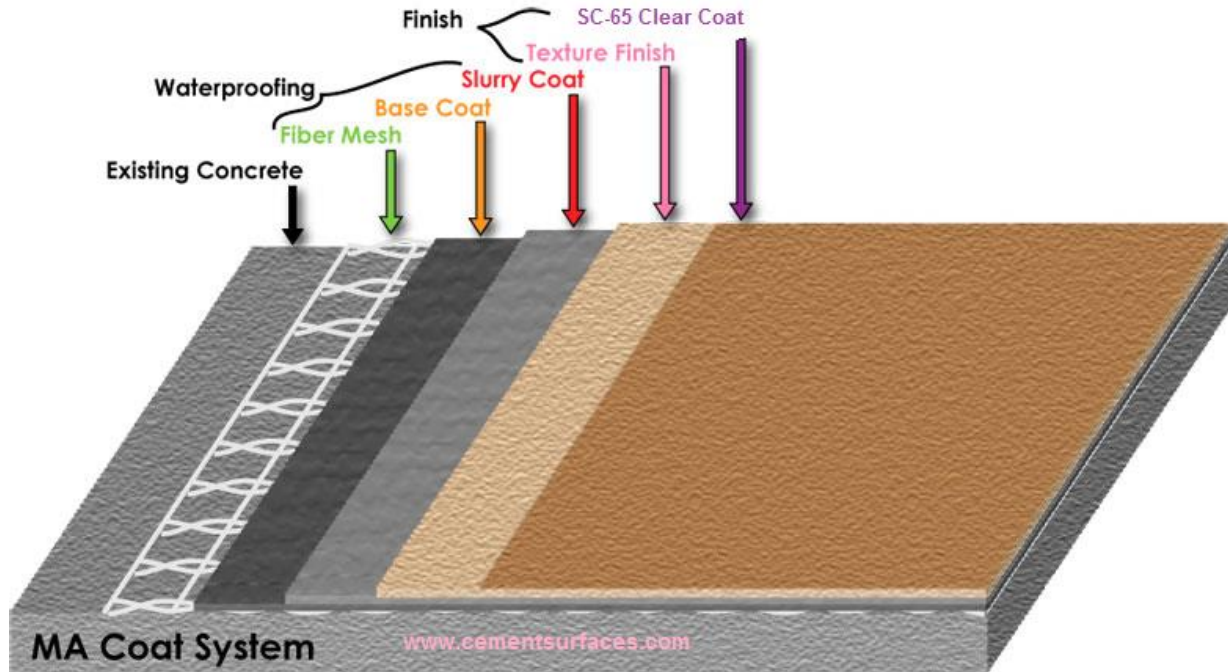
**F** Top color and seal coat. Please refer to our color wheel for a stain color of choice. We will also seal the surface with SC-65

#### **L Flash and Drip Edge Spec**

Illustration below is to help identify installation of L flashings and drip edge.



# Westcoat MACoat System



- Fiber Mesh
- Base Coat
- Slurry Coat
- Texture Finish
- SC-65 Clear



Ideal for areas with heavy foot traffic, Westcoat's MACoat is a fiber lath reinforced deck system engineered for use on elevated concrete and reinforced plywood walking decks. When sealed, MACoat offers a durable waterproof coating specified for use on balconies, corridors, stairs, plazas, and landings. Westcoat MACoat delivers superior durability and tough performance in hotels, condominiums, apartments, office buildings, and residential homes.

## Ultra Lightweight

Designed for use on elevated concrete and many plywood walking decks, MACoat weighs less than one pound per square foot when installed.

## Waterproof

A combination of our fiberlath, a proprietary acrylic waterproofing resin mixed with a specially formulated cement, and sealed with an acrylic topcoat, MACoat provides long-lasting protection.

**Helps eliminate slipping**

Ensure safe pedestrian traffic in a variety of conditions. MACoat's textured finish provides a skid-resistant surface for added safety.

**Fast access after installation**

Spend less time waiting around. MACoat dries quickly for fast access during and after installation.

**Great for old or new surfaces**

Easily rehabilitate problem surfaces. In many cases, MACoat can be applied over existing deck systems, saving time and labor. MACoat works equally well on new surfaces and comes in a wide variety of colors and textures.

**Versatile**

Install over concrete.

**Advantages**

- Waterproof
- Flexible
- Durable
- Fast access after installation
- Wide range of colors and textures
- Tough, UV-resistant final coat
- Safe anti-skid textured finish
- Environmentally safe acrylics

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