



Krystol Broadcast™ Application using Dry-Broadcast Method

SCOPE

Application Instruction 101 provides detailed instructions for applying Krystol Broadcast™ to a horizontal concrete slab. The dry-broadcast method is an application technique whereby the Krystol® product in dry powder form is spread evenly over the concrete after it has reached initial set. The Krystol is then troweled into the surface of the concrete during the finishing process.

SAFETY PRECAUTIONS

Cementitious compounds become caustic when mixed with water or perspiration and can cause serious chemical burns. Avoid contact with skin or eyes. Avoid breathing dust. Wear safety goggles, impervious gloves and long sleeves. See the Material Safety Data Sheet for more information.

STEP 1: SPREAD BROADCAST

1. Place concrete as usual. Follow good concreting practices. Finishing normally begins after the concrete has reached its initial set and the bleed water has disappeared. This is the time to apply the Krystol Broadcast – just before finishing begins. Spread Krystol Broadcast evenly over the concrete surface at the recommended rate of coverage (1 kg/m²). The “fugitive dye” will enable the installer to ensure uniform distribution of the product.
2. To help attain the proper spread rate, start by laying out the buckets of Krystol Broadcast on the slab in a grid pattern - each 5 paces apart from the next. The product must be spread evenly, otherwise may result in uneven color of the finished slab. This can be accomplished by hand spreading with a gloved hand or by using a mechanical drop spreader. Be very careful not to get Krystol Broadcast inside your glove.
3. Consult a Kryton representative regarding proper treatment of construction joints.

STEP 2: FINISHING

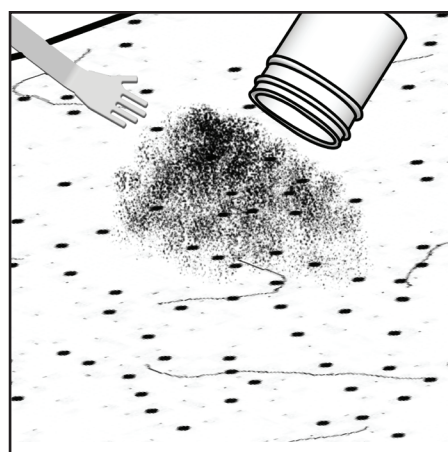
1. Immediately begin power-floating operations to work the product completely into the surface. At first, the surface may appear dry and seem difficult to float. Do not add water. Soon the Krystol chemicals will begin to dissolve and be absorbed by the concrete paste. Eventually the presence of Krystol will provide lubrication that will actually make troweling easier.

PRECAUTIONS

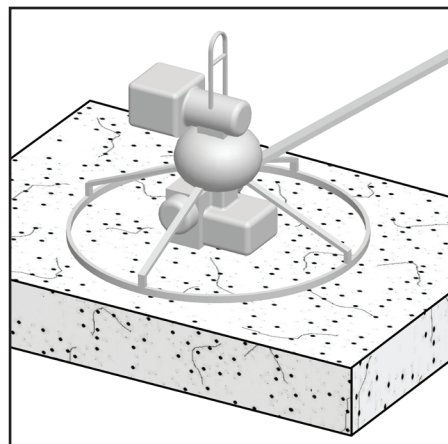
- The high concentration of Krystol will delay the final setting time of the concrete surface. For this reason, the final closing of the surface by hard troweling should be delayed to prevent blistering. Set blades as flat as possible.
- Do not over trowel – over troweling can lead to blistering and delamination. Blistering may also occur if air content is too high.

TOOLS AND MATERIALS

- Krystol Broadcast™



Step 1
Spread Krystol Broadcast™



Step 2
Immediately begin power-floating operations to work the product completely into the surface.



Application Instructions

Application Instruction 101

CURING

- Proper curing is essential to achieve the performance and benefits of Krystol Broadcast. Cure in accordance with ACI 308.1 guidelines.
- Rapid loss of moisture in plastic concrete may impair the ability for concrete to receive the dry-shake without subsequent delamination.
- Wet curing the concrete with a fog mist spray, sprinkler or wet burlap for 5 to 7 days is recommended. Protect from rain, excessive wind, and sun.
- Alert the manufacturer immediately of any concerns.