

Kolor Hardener™



For Use on Freshly Leveled and Floated Concrete.

Pure synthetic and natural iron oxide pigments, blended with cements, specialty quartz crystals and surface conditioning agents that are light-fast, weather resistant and lime-proof.

APPLICATION GUIDE

SITE PREPARATION

The subgrade should be well-drained, uniformly graded, compacted, and thoroughly dampened without free standing water. Avoid formation of soft or muddy spots. Use form sets that allow for quick removal without damaging the slab.

CONCRETE

Place all concrete at the same slump. Use the lowest slump compatible with a workable and placeable mix. 3" to 4" slump is recommended, with a 5" slump maximum. **DO NOT** use calcium chloride or calcium chloride based products in colored concrete projects. Water reducing agents or air entraining agents may be used.

PRE-CAUTIONS

Never apply KOLOR HARDENERS™ on a slab with free standing surface water. After the completion of each step, go immediately to the next step until the second broadcast has been applied. Promptness is essential to successful use of KOLOR HARDENER™. KOLOR HARDENER™ obtains moisture from the slab below. Concrete must remain in a workable state through the second application, troweling, stamping, and/or finishing.

CAUTION: Water applied to the top of drying colored concrete can cause color change variations.

COLOR PLACEMENT

Place KOLOR HARDENER™ pails to strategic points around the slab. Maintain reserve pigment for plastering of vertical surfaces. Use conventional methods to place concrete and level. Immediately float the surface after concrete has been leveled to prepare for the KOLOR HARDENER™. Apply KOLOR

HARDENER™ is two separate broadcasts (shakes). Apply approximately 60% of the total hardener in the first broadcast. Repeat until slab is colored evenly in the first application. KOLOR HARDENER™ should be worked into the concrete with a bull float. Because wood floats have more of a tendency to grip concrete surfaces and turn color over, the use of metal floats are recommended. **DO NOT TROWEL BETWEEN THE FIRST AND SECOND APPLICATIONS.** Application of the second coat should begin immediately and should be permitted to stand until the slab is ready to trowel. **DO NOT** over trowel, this will cause dark spots from trowel burning. **DO NOT** sprinkle or fog water onto the slab, this will spil color uniformity. Touch-up carefully light or missed areas when troweling. Immediately plaster KOLOR HARDENER™ after removing forms on vertical surfaces such as curbs, steps, and planters.

FINISHED APPEARANCE

Many factors may influence the project's final appearance including: application and removal techniques; timing, finishing, mix design, surface texture, weather, color combinations, experience, variations in job site materials, and sealing.

SAFETY PRECAUTIONS

This product contains Portland cement. Avoid contact with eyes and prolonged contact with skin. In the event of contact with eyes, flush with water immediately and call a physician. Thoroughly flush exposed skin areas.

KEEP AWAY FROM CHILDREN

Manufactured by

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