



Concrete Protector & Restorer

Concrete Sample—Premature Finish

The Problem

Premature finish is any operation performed while bleed water is still on the concrete surface.

Finishing concrete while bleed water is still present works this bleed water back into the top 1/4 inch (6 mm) of the slab.

Excess water in the top of the concrete slab results in very high water-cement (w/c) ratio concrete at the top. This makes the wear and weather exposed surface very porous and low strength.

Problems that can result include freeze/thaw damage, dusting and other deterioration resulting from high w/c low strength concrete.

3M Concrete Protector & Restorer (CP&R) Solution

Since CP&R is a topical surface application with very low viscosity, it can penetrate the soft top layer of concrete caused by premature finish and consolidate the soft surface layer and give added strength and abrasion resistance that will help reduce or eliminate dusting.

CP&R can help improve durability, abrasion resistance and water repellency.

See Concrete Sample sheets on water/cement ratio and dusting for more information relating to premature finish.

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