

ColorScape® 80

Efflorescence Control & Water Repellency Admixture

Features and Benefits

- Unsurpassed long-term efflorescence control.
- Superior surface beading and water repellency.
- Increased density and lower absorptions.
- Sustained color integrity.
- Improved feed and compaction.
- Reduced cycle times - faster production rates.

Guidelines for Use

Dosage Rate: ColorScape 80 admixture dosage rate will vary depending on the desired benefits. Dosage range is 1.5 - 3 fl.oz/cwt (100 - 200 mL/100 kg) of cementitious materials, typical dosage at 2 fl.oz/cwt (130 mL/100 kg) of cementitious materials. Due to variations in local materials, jobsite conditions or applications, dosages outside the recommended range may be required. Please consult with your Technical Services Representative for more information.

Recommended Addition and Mixing Time:

Ribbon Mixer

1. Load aggregate, and add 75-85% of total water
 - Mix for a minimum of 40 seconds
 - This allows aggregates (especially dry, high-absorption ones) to saturate before adding cement
2. Add granular pigment and mix for a minimum of 40 seconds.
 - This allows pigment to be ground up by the aggregates and fully disperse in the mix.
3. Load cementitious materials
 - Best if cement can be added over several seconds, and not dumped in one large pile (mix for minlimum. 40 seconds)



Description

ColorScape 80 is a multi-functional integral admixture that provides superior efflorescence control with improved surface beading and water repellency. Superior concrete density and reduced absorption is also delivered.

Recommended For

Dry Cast Pavers & Slabs
Concrete Masonry Units
Segmental Retaining Wall Units
Manufactured Stone Veneer Units

Technical Information

Color: Opaque, off white

Health & Safety

Consult SDS for Safety Information



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- Add final water and admixture
 - Admixture can be added during or after final water.
 - Note: allow the cement to mix for minimum of 40 seconds before adding admixture.
- Final mix
 - Allow ample final mix time: minimum of 2 minutes, optimal 3 minutes, after all ingredients added including final water
- Do not over mix. Mix no more than 5 minutes after final water is added to prevent mix from overheating
- Final mix
 - Allow ample final mix time: minimum of 45 seconds, one (1) minute optimal, after all ingredients added including final water
- Do not over mix. Mix no more than 3 minutes after final water is added to prevent mix from overheating

Pan Mixer

- Load aggregate, and add 75-85% of total water
 - Mix for a minimum of 30 seconds
 - This allows aggregates (especially dry, high-absorption ones) to saturate before adding cement.
- Add granular pigment and mix for a minimum of 30 seconds.
 - This allows pigment to be ground up by the aggregates and fully disperse in the mix.
- Load cementitious materials
 - Best if cement can be added over several seconds, and not dumped in one large pile (mix for minimum 30 seconds)
- Add final water and admixture
 - Admixture can be added during or after final water.
 - Note: allow the cement to mix for minimum of 30 seconds before adding admixture.

Product Storage and Shelf Life

Freeze Protection: ColorScape 80 must be protected from freezing. Do not store at temperatures below 40° F (5° C). The admixture is not usable after it has frozen.

Protection from Direct Sunlight: ColorScape 80 must be protected from direct sunlight. DO NOT store where container is exposed to direct sunlight.

Shelf life: One year in original unopened container.

Contact

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