

ColorScape® 460

Efflorescence Control & Concrete Densification Admixture

Features and Benefits

- Unique formulation and innovative manufacturing process for improved efficiency and performance.
- Excellent efflorescence control that reduces primary and secondary efflorescence.
- Enhanced and sustained color vibrancy.
- Improved physicals including increased compressive and flexural strength and density.
- Improved feed and compaction.

Guidelines for Use

Dosage Rate: ColorScape 460 admixture dosage rate will vary depending on the desired benefits. Dosage range is 3 - 6 fl.oz/cwt (200 - 400 mL/100 kg) of cementitious materials, with typical dosage at 4 fl.oz/cwt (250 mL/100 kg) of cementitious materials .

Due to variations in local materials 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
 - Proper mixing allows aggregates (especially dry, high-absorption ones) to saturate before adding cement.
2. Add granular pigment and mix for a minimum of 40 seconds
 - Pigments are most effective when ground up by the aggregates and fully dispersed in the mix.
3. Load cementitious materials
 - To avoid clumping, we recommend cement be added over several seconds, and not dumped in one large pile (mix for minimum 40 seconds).



Description

ColorScape 460 is an innovative integral admixture that provides superior efflorescence control and concrete mix densification.

Recommended For

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

Technical Information

Color: Opaque, off white

Packaging

Bulk Delivery
265 Gal Totes
55 Gal Drums

Health & Safety

Consult SDS for Safety Information



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4. 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.
5. Final mix
 - Allow ample final mix time: minimum of 2 minutes, optimal 3 minutes, after all ingredients added including final water.
6. Do not over mix. Mix no more than 5 minutes after final water is added to prevent mix from overheating.

Pan Mixer

1. Load aggregate, and add 75-85% of total water
 - Mix for a minimum of 30 seconds.
 - Proper mixing allows aggregates (especially dry, high-absorption ones) to saturate before adding cement.
2. Add granular pigment and mix for a minimum of 40 seconds
 - Pigments are most effective when ground up by the aggregates and fully dispersed in the mix.
3. Load cementitious materials
 - To avoid clumping, we recommend cement be added over several seconds, and not dumped in one large pile (mix for minimum 30 seconds).
4. 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.

5. Final mix
 - Allow ample final mix time: minimum of 45 seconds, one (1) minute optimal, after all ingredients added including final water.
6. Do not over mix. Mix no more than 3 minutes after final water is added to prevent mix from overheating.

Product Storage and Shelf Life

Freeze Protection: ColorScape 460 must be protected from freezing. Do not store at temperatures below 32° F (0° C). The admixture is not usable after it has frozen.

Protect from Direct Sunlight: ColorScape 460 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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