

INSTALLATION INSTRUCTIONS

CONBLOCK CDA OR CDA RED ADMIXTURE

STORAGE

Store ConBlock admixtures at temperatures above 40 degrees Fahrenheit. Keep containers tightly closed in a dry, cool, and well-ventilated place. Do not subject admixtures to freezing temperatures.

PREPARATION

Stir ConBlock admixtures before use and allow bubbles to dissipate prior to adding to concrete mix. Do not stir ConBlock admixtures and other products with the same mixer to avoid cross contamination.

COMPATIBILITY

ConBlock CDA and ConBlock CDA Red are compatible with many admixtures used in the production of quality concrete. However, Concrete Sealants makes no representations or warranties regarding such compatibility of ConBlock products with other additives or admixtures. It shall be the responsibility of the concrete contractor to take whatever measures are necessary, including testing, to ensure compatibility of ConBlock CDA and ConBlock CDA Red with other additives or admixtures being used in the concrete mix.

When using a high range water reducer, polycarboxylate ether high range water reducers are recommended.

MIX PROPORTIONING AND DOSAGE

When adding ConBlock admixtures to a concrete mix, it is recommended to test the effects on both the fresh and hardened concrete properties to ensure expected performance.

Use of either ConBlock CDA or ConBlock CDA Red is expected to reduce the concrete's slump or slump flow.

ConBlock CDA:

Use 21 fluid ounces of ConBlock CDA per 100 pounds of cementitious materials. For every 1 gallon of ConBlock CDA used, the mix water content should be reduced by 0.75 gallons to maintain the design water-to-cementitious materials ratio.

ConBlock CDA Red:

Use 63 fluid ounces of ConBlock CDA Red per 100 pounds of cementitious materials. For every 1 gallon of ConBlock CDA Red used, the mix water content should be reduced by 0.85 gallons to maintain the design water-to-cementitious materials ratio.

OPTIONAL COLORANT

ConBlock Red Colorant can be used to indicate incorporation of ConBlock CDA into the concrete mix. The use of colorant is not a function of performance. Use of ConBlock Red Colorant with ConBlock CDA Red *is NOT* permitted.

ConBlock Red Colorant is available in 1-pound and 3-pound water-soluble bags of powdered colorant. Note that ConBlock admixtures are dosed per 100 pounds of cementitious materials, while the colorant is dosed per cubic yard of concrete. Use one 3-pound bag per cubic yard of concrete for a light red tone in the finished concrete.

BATCHING AND MIXING

If using the optional ConBlock Red Colorant (for ConBlock CDA only), add the colorant bag(s) to the concrete mixer with the dry mix before the batch water. Add the entire bag to the mixer; the bag will break up and dissolve when the batch water is added.

ConBlock CDA or CDA Red shall not be pre-mixed with the batch water. ConBlock CDA or CDA Red shall be the last product added to the concrete mix. ConBlock CDA or CDA Red shall be added to the mixer immediately (within 30 seconds) after the addition of the second-to-last ingredient has concluded. After adding ConBlock CDA or CDA Red to the mixer, mix for 75 equivalent drum revolutions but not for less than 3 minutes. Make any final adjustments using hold back water or high range water reducer.

Consult Concrete Sealants for recommendations regarding specific equipment.

CLEANING AND PROTECTION

Contain and collect spillage with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in a container for disposal according to local/national regulations.

Protect installed product and finished surfaces from damage during construction.