

Don't Just Seal It. ConSeal It!

Directions for Use

- Stir thoroughly prior to use. Do not thin or dilute ConBlock MIC.
- Add with the batch water and mix as usual **or** add as the final product and mix for an additional 5 minutes.
- The total volume of ConBlock MIC dosed will count as water when calculating the water to cement ratio.
- When used in mortar for shotcrete or relining, dosage is 12 oz/CWT (CWT = hundred pounds of cementitious materials)
- When used in concrete, dosage is 12-24 oz/ CWT. Application rate depends on the sewer environment. Consult with Concrete Sealants to determine the best dosage rate.

DO NOT SUBJECT ConBlock MIC to FREEZING TEMPERATURES

Adding Color Tint

CB MIC Internal Colorant is a blue dye that is added to the concrete during batching. CB MIC Internal Colorant is available in one cubic yard kits (5601) and 40-pound pails (5600). To tint the treated concrete with ConBlock MIC integrally, CB MIC Internal Colorant can be added at the dosage rate of 1.25-1.30 lbs. (approximately two pints) of colorant per cubic yard of concrete. Add the colorant at any point in the batching process manually. Do not add the colorant directly to ConBlock MIC. Allow the concrete to mix at least 70 mixer revolutions to disperse the colorant throughout the concrete. The amount of color may be adjusted by the end user as desired. If required, document the addition of the colorant on the ConBlock MIC Quality Assurance Certificate of Conformance.

Admixture Compatibility

ConBlock MIC performs best when it is dosed into the batch water during the mixing operation or added to the finished batch. It is a generally accepted practice that air entraining admixtures are batch sequenced with aggregates. As a rule, ConBlock MIC should never be mixed with, or come into direct contact with an air entraining admixture. If ConBlock MIC is added to the finished batch, increased mixing time is required. Some air entraining admixtures are incompatible with ConBlock MIC. Advanced testing may be necessary to determine compatibility. This may include an admixture compatibility test by Concrete Sealants, or a microbial efficacy test by an approved testing lab.

Tested, compatible Air Entraining Admixtures:

- Axim Catexol AE 260
- Axim Catexol VRC
- BASF MBAE 90 – Cannot come into direct contact during batching
- Euclid AEA-92 – Cannot come into direct contact during batching
- Grace Daravair 1400
- Grace Darex II AEA
- Sika AEA-15 – Cannot come into direct contact during batching

This list does not mean others are not compatible. Testing must be done to assure compatibility.

ConBlock MIC should not be used when a set accelerating admixture is used. Water reducing admixtures are compatible with ConBlock MIC. Consult Concrete Sealants' technical staff if you have questions about a particular admixture.

Water Quality

Potable water is required. Ideally, the mixing water should have a slightly acidic to neutral pH of 5.5 to 8.0. Water which is alkaline or has a hardness level greater than 600 ppm may cause the active ingredient in ConBlock MIC to form flakes and come out of solution. Solutions which appear milky or which have a solid precipitate (little white pieces) should be neutralized and disposed of properly. Be aware that hot water can cause ConBlock MIC to separate from the solution. Advanced testing may be necessary to determine compatibility. This may include an admixture compatibility test by Concrete Sealants, or a microbial efficacy test by an approved testing lab.

Disclaimer: This publication is to assist users to understand the proper use of ConSeal's products. Contact ConSeal's technical staff for installation instructions that meet your specific requirement. Concrete Sealants, Inc. does not warranty any improper use of its products.