

Fiber 9



Cloud number 9 is, in fact, a reference by the International Cloud Atlas--first published in 1896. Its initial purpose included aiding the training of meteorologists and promoting more consistent use of a vocabulary describing clouds, Cloud 9 being one of the highest. Many are familiar with the term as an expression of bliss and maybe that is how a design professional and craftsman feel when a concrete design comes full circle. The article that started the Concrete 9 series was published in 2011 in Specifiers Magazine, was a foundation for developing products that are more common in the marketplace today.

FIBER9 NINE FUNDAMENTALS FOR FIBER REINFORCEMENT IN THE MIX

1. Conventional Reinforcement
2. Level of Reinforcement
3. Types of Fiber Reinforcement
4. Fiber Dosage
5. Mix Design
6. Transparency in the Mix
7. Producer Partnership
8. Managing Expectations
9. Managing Specifications

Finding a secondary reinforcement concrete fiber that is a low dose, insoluble, transparent in the mix, and uniquely designed is crucial to the success of an architectural concrete floor. It should provide isotropic fiber reinforcement that displaces evenly, without clumping or unsightly protrusion from concrete commonly seen in other fibers. The even dispersion and transparency in the mix will make it the best choice for exposed architectural concrete with integral or dyed floors and all exposed concrete finishes, vertical or horizontal. Also transparent in placement and finishing providing no burden to the pumping or finishing crews. Without the need for WWM mats, layout, installation, overlapping, tying/placing, and potential vapor barrier damage due to puncture, the fiber reinforces. Fiber's unique formulation forms an ionic bond within the new matrix, attacking plastic shrinkage cracking and reducing it over 94%! Three-dimensional, next-generation reinforcement from top to bottom.

Primary Products

Modified Acrylic Isometric fiber

Polypropylene/Polyethylene Isometric fiber

Virgin Polypropylene fiber Isometric fiber

Variety of Steel Fiber