

VISCON™



DESCRIPTION

VISCON is a water soluble biopolymer produced by fermentation for use in hydraulic cementitious systems, as a Viscosity Modifying Agent (VMA).

- Imparts high solution viscosity
- Has pseudoplastic rheology profile (e.g., is shear thinning) providing
 - low viscosity at high shear rates (Easy to pump and place).
 - high viscosity at low shear rates (Provides superb particle suspension).
- Exhibits little solution viscosity change over a wide temperature range.

TYPICAL APPLICATIONS

- gypsum floor screeds
- Self Consolidating Concrete (SCC)
- injection and post tension grouts
- pigmented concrete and gypsum systems
- Self Leveling Underlayments (SLU)
- underwater concrete (anti-washout)
- pervious concrete

FEATURES

Provides excellent suspension and emulsion stability at lower viscosities.

- Improved pumping, placement and workability.
- Controls bleed.
- Is stable under high-shear.
- Exhibits low viscosity while processing (e.g. pumping and spraying).
- Provides excellent water retention

BENEFITS

Homogeneous placement and curing of aggregate, sand, pigment and paste

- Improved surface properties and durability.
- Uniform strength.
- Improves pigment efficiency and provides consistent color quality.
- Bleed control improves quality, and may reduce labor finishing costs.
- Reduces impact of raw material variability on costs and quality.
 - Reduces impact of moisture in sand and aggregate.
 - Reduces impact of gap graded sand and aggregate.
- Stabilizes highly fluid mix designs for gypsum systems, self consolidating concrete and underwater concrete systems.

TYPICAL USE LEVEL

VISCON is typically dosed at a rate of 0.01 – 0.05% of the design water for the mix. Testing is recommended to verify specific performance characteristics.

VISCON is a natural product and is biodegradable.

VISCON dosages can vary. It is best to do a visual verification after initial dosing. Concrete treated with **VISCON** can be retempered.

PACKAGING

Packaged in 2, 5, and 10 lb. containers

STORAGE CONDITIONS/SHELF LIFE

Containers should be kept closed and stored in a cool, dry place. Shelf life is 2 years from the date of manufacture when stored under these conditions. Product quality should be re-evaluated prior to use if the “Best Before” date has been exceeded.



PREMIERE CONCRETE SOLUTIONS

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This Product is formulated and labeled for Industrial and Commercial Use only. For best results and safest usage, user is specifically directed to consult the current material safety data sheet and package label for this product.

Premiere Concrete Solutions warrants its products to be free of manufacturing defects and that they will meet Premiere Concrete Solutions current published physical properties when applied in accordance with Premiere Concrete Solutions directions and tested in accordance with ASTM and Premiere Concrete Solutions standards. Premiere Concrete Solution makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Premiere Concrete Solutions shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. In no case shall we be liable for consequential or special damages. Even if we have been advised of the possibility of such damages. The foregoing warranties are in lieu of all other warranties, guarantees, co-conditions and representations, either expressed or implied, whether arising under any statute. Common Law, usage or trade, course of dealing or otherwise, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.