



Product Group: Vapor Lock

**Product Name: VL 20/23™
Pre-Cast Plus**

DESCRIPTION

VL 20/23 is a ready to use concrete admixture that has an organic chemical reaction with components of the cement and utilizes free water to eliminate the route of moisture vapor emission. In addition this material will actively repel water. These reactions are a permanent and integral component of the concrete.

BASIC USES

VL 20/23 is designed to be added to any pre-cast cementitious material where finish, color definition, water repellency/proofing and a reduced failure rate is desirable.

MAJOR ADVANTAGES OF VL 20/23™

- ~Active water repellent-Easy form release
- ~Water proofs concrete (1x10-10 cm/s permeability ASTM D 5084)
- ~Increase Tensile Strength
- ~Increased strength
- ~Color is more true and consistent
- ~Corners and edges are sharper
- ~Increases density and hardness
- ~Increased abrasion resistance
- ~Easy form removal
- ~Effective in reducing:
 - Efflorescence
 - spalling
 - Delamination
 - Spider cracking

TECHNICAL AND PRODUCT DATA

- ~Appearance: Slightly opaque clear liquid
- ~Odor: None
- ~Toxicity: None
- ~Flammability: None
- ~Ph: Neutral
- ~Shelf Life: Indefinite
- ~Weight: 60 lbs
- ~Freeze Temp: 32 F°/ 0 C°
- ~Storage Temp: 35 F°/ 1.7 C°

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TECHNICAL AND PRODUCT DATA (continued)

- ~Solvent: None. Waterbase
- ~Acid Resistance: Excellent
- ~Hazardous Vapors: None
- ~Capillary Break: Integral C-S-H
- ~Installation: All cementitious materials
- ~Number of Components: 1
- ~Packaging: 275 US Gallon Totes, 55 Gallon Drums, 5 Gallon Pails

APPLICATION INSTRUCTIONS

It is recommended that trial batches are made prior to production runs. Agitate aggressively or recirculate immediately prior to adding to batch. The recommended dosage rate for Vapor Lock 20/23 Precast Plus is 14 oz per one hundred weight of cementitious materials. Vapor Lock 20/23 should be added with the head water or at the tail end.

SPECIAL HANDLING

Discard any frozen or separated, visually observable, product.

SAFETY

Please refer to SDS at www.imcospg.com or contact The Specialty Products Group, www.spgGoGreen.com, 877.957.4626.

WARRANTY DISCLAIMER

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