



## INFORMATION / TECHNICAL DATA SHEET

### VAPOR LOCK™ 20/23

#### **DESCRIPTION**

**Vapor Lock™ 20/23** Integral Waterproofing Concrete Admixture is a ready to use concrete admixture that has an organic chemical reaction with components of the cement and utilizes the water of convenience to eliminate the route of water ingress / egress. **Vapor Lock™ 20/23** contains an inherent hydrophobic material that acts as a water repellency aid. These reactions are a permanent and integral component of the finished concrete

#### **BASIC USES**

**Vapor Lock™ 20/23** waterproofs/densifies concrete to an industry leading level. **Vapor Lock™ 20/23** should be added to concrete whenever superior water proofing, water repellency, extended service life, chemical resistance and densification at an economical cost are desired.

#### **MAJOR ADVANTAGES OF Vapor Lock™ 20/23**

Water proofs concrete

Increases concrete density and hardness

Increased abrasion resistance

Effective Sealer for Concrete

Requires no Chemical Curing

Stops ACR, ASR

Effective in reducing:

- Efflorescence
- Freeze-thaw spalling
- Delamination
- Spider Cracking
- Slab curl

#### **TECHNICAL AND PRODUCT DATA**

Appearance:	Opaque
Odour:	None
Toxicity:	None
Flammability:	None
pH:	Neutral
Shelf Life:	Indefinite
Solvent:	None, Water base
Acid Resistance:	Excellent
Hazardous Vapours:	None
Capillary Break:	Integral C-S-H
Installation:	All cementitious materials that contain no Polymers
Number of Components:	1
Packaging:	20 litre pails

### **APPLICATION INSTRUCTIONS**

Cast-in Place Normal Weight Concrete - **Vapor Lock™ 20/23** is dosed at 284 grams per 100 weight of cementitious materials and should be added with the head water or at the tail end of the load. This dose needs to be accurate to minus 0% plus 3%. **Vapor Lock™ 20/23** must be administered by a concrete ready mix provider or professional that is certified by SPG to work with this material and is aware of and follows all the protocols established by SPG.

Trial batch mixes are recommended for all applications. Contact manufacturer for additional information

### **SPECIAL HANDLING**

Discard any frozen or separated, visually observable, product.

### **SAFETY**

Please refer to SDS at [www.biorokconstruct.com](http://www.biorokconstruct.com)

### **PROJECT SPECIFIC WARRANTY**

Project specific Warranties are available for water proofing and spalling elimination. These Warranty's must be pre-approved by manufacturer and contain certain limitations.

### **WARRANTY DISCLAIMER**

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant our products to meet our written specifications. Nothing herein shall constitute a warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

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