FIRST DAY RESCUE

 **FINISHING AID FIRST DAY RESCUE FINISHING AID DIV 03 3000**

**ACRYLIC BLEND MASTER FORMAT 03 39 23 MASTER FORMAT 03 39 23**

**STONE MOUNTAIN CONCRETE SOLUTIONS, LLC 216 218-1691 2700 VILLAGE GREEN DRIVE, CONNEAUT, OH 44030**

FINISHING AID

READY-TO-USE FORMULAS

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| **Description** |  |

FIRST DAY RESCUE FINISHING AID is a colloidal silica finishing aid that lubricates the surface for faster, easier finishing. FIRST DAY RESCUE FINISHING AID extends workable time under adverse conditions such as high wind, heat, or low humidity.

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| **Primary Applications** |  |

FIRST DAY RESCUE FINISHING AID eliminates the need to add water to the surface which can be detrimental to the surface performance of the slab. It can also be used to help finish shake-on hardeners in low bleed water environments. Concrete with high cement, air, silica fume, or silica flower are easier to finish when FIRST DAY RESCUE FINISHING AID is applied.
Colloidal silica is at the heart of FIRST DAY RESCUE FINISHING AID technology. The amorphous silica reacts during the hydration of concrete to produce more cementitious material, translating into higher density and improved surface performance.

FIRST DAY RESCUE FINISHING AID, applied during finishing, provides several long-term benefits to cured concrete. FIRST DAY RESCUE FINISHING AID reduces surface evaporation, mitigating and reducing ASR, slab curling, and differential shrinkage. FIRST DAY RESCUE FINISHING AID also has densification properties to prevent dusting and reduces efflorescence in colored and standard concrete.

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| **Features/Benefits** |  |

FIRST DAY RESCUE FINISHING READY-TO-USE FORMULAS

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| **Technical Information** |  |

**Material Properties** @75°F (24°C) 50% RH

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| **Property** | **Result** |
| COVERAGE RATES |  |
| FINISHING AID | 500-1000 SQ FT 12-24 M² |
| PERFORMANCE CONCRETE | 250-500 SQ FT 6 - 12 M² |
| COLOR | WATER CLEAR/ TRANSPARANT YELLOWGREEN |
| VISCOSITY | WATER THIN |
| ODOR | NONE |

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| **APPLICATION** |  |

 APPLICATION Guidelines
FIRST DAY RESCUE FINISHING AID is designed to be used during the floating and troweling stages of concrete placement. Multiple applications can be applied as needed throughout the finishing process. There are two uses for FIRST DAY RESCUE FINISHING AID. The first is as a finishing aid to help concrete placement crews deliver a smooth, flat finish. The second is to increase the overall performance of the concrete surface.
a: Finishing Aid
FIRST DAY RESCUE FINISHING AID should be applied when needed to help finish
concrete. Applied at an average rate of 500 to 1000 ft2 /gal per application and worked into the concrete by floating or finishing either by hand or mechanical trowels.
Multiple applications can be used throughout the finishing process. Do not exceed 250 ft 2/gal per application.

 Typically, 1, 2 or 3 applications worked into the concrete will provide high levels of finishing.
b: Performance Concrete
The term performance concrete refers to the chemical enhancements of the surface. Although the finishing applications will add to some of the overall performance, it is important to apply FIRST DAY RESCUE FINISHING AID early to maximize the chemical interaction.
Applying FIRST DAY RESCUE FINISHING AID at the first bull float or mechanical trowel stage at a rate of 250 ft 2 /gal ensures the colloidal silica is worked deeply into the cement matrix. Then use FIRST DAY RESCUE FINISHING AID when, or as needed to help finish the slab.

 PACKAGING

 1 GALLON AND 5 GALLON PLASTIC PAILS

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| **Shelf Life** |  |

1 year in original unopened container.

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| Does not re-**Precautions/Limitations** |  |

KEEP FROM FREEZING.

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