



## **FIVE STAR SUMMERSET®**

Extended Working Time Additive

### **PRODUCT DESCRIPTION**

Summerset® is an additive which extends the working time and retards the set of certain Five Star® rapid setting hydraulic cement products. Summerset should be used when working in hot weather or placing a large amount of material at one time to provide ample working time to place and finish the material.

For use only with specific Five Star rapid setting products which call for Summerset by name such as Five Star Structural Concrete®, Five Star® Instant Grout, and Five Star® Highway Patch.

### **INSTRUCTIONS**

The working time and set time of certain Five Star rapid setting products may be extended by adding Summerset to the mixing water, thoroughly mixing into water, and then adding the dry material. Total dispersion of Summerset in the mixing water will result in a consistent working time and set time for the entire batch. Do not add Summerset to the dry material. Each tube of Summerset will extend the working time by approximately 30% - 40% percent. A general guide for the use of Summerset is for every 10°F (6°C intervals) above 70°F (21°C), one tube per unit of material should be used. That is, use one tube if Five Star Product, water, and air temperature are at 80°F (27°C). Use two tubes if material, water and air are at 90°F (32°C). Up to 3 tubes per unit may be added.

**Remember:** Summerset extends the set time and thus slows down the rate of early strength gain. Summerset does not reduce the ultimate compressive strength or compromise other properties.

### **CAUTION**

Summerset contains an organic acid which will cause irritation. Avoid contact with eyes and prolonged contact with skin. Immediately flush with plenty of water for at least 15 minutes. Call physician. Wash skin thoroughly after handling. Keep product out of reach of children.

**PRIOR TO USE, REFER TO MATERIAL SAFETY DATA SHEET.**

*For worldwide availability, additional product information and technical support, contact your local Five Star distributor, local sales representative, or you may call Five Star's Engineering and Technical Service Center at (800) 243-2206.*

**WARRANTY:** "FIVE STAR PRODUCTS INC. (FSP) PRODUCTS ARE MANUFACTURED TO BE FREE OF MANUFACTURING DEFECTS AND TO MEET FSP'S CURRENT PUBLISHED PHYSICAL PROPERTIES WHEN APPLIED IN ACCORDANCE WITH FSP'S DIRECTIONS AND TESTED IN ACCORDANCE WITH ASTM AND FSP STANDARDS. HOWEVER, SHOULD THERE BE DEFECTS OF MANUFACTURING OF ANY KIND, THE SOLE RIGHT OF THE USER WILL BE TO RETURN ALL MATERIALS ALLEGED TO BE DEFECTIVE, FREIGHT PREPAID TO FSP, FOR REPLACEMENT. THERE ARE NO OTHER WARRANTIES BY FSP OF ANY NATURE WHATSOEVER, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH THIS PRODUCT. FSP SHALL NOT BE LIABLE FOR DAMAGES OF ANY SORT, INCLUDING PUNITIVE, ACTUAL, REMOTE, OR CONSEQUENTIAL DAMAGES, RESULTING FROM ANY CLAIMS OF BREACH OF CONTRACT, BREACH OF ANY WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR FROM ANY OTHER CAUSE WHATSOEVER. FSP SHALL ALSO NOT BE RESPONSIBLE FOR USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT HELD BY OTHERS."

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