

## DECLARATION OF PERFORMANCE

In accordance with Annex III of Regulation (EU) 305/2011 (Construction Product Regulation) amended by Commission Delegated Regulation (EU) No. 574/2014.

### **DOP\_UKCA\_Five Star® LC Epoxy Grout** **DOP\_CE\_Five Star® LC Epoxy Grout**

- 1. Unique identification code of the product type:**  
Five Star® LC Epoxy Grout – SKU 33205
- 2. Intended use(s):**  
High performance machinery grouting with tight clearances; Precision alignment under dynamic load conditions.
- 3. Manufacturer:**  
Five Star Products, Inc.  
2 Enterprise Drive, Suite 303, Shelton, CT 06484 United States  
  
*Website: [www.fivestarprouducts.com](http://www.fivestarprouducts.com)*
- 4. System(s) of AVCP**  
System 2+
- 5. Harmonised standard**  
EN 1504-3:2005  
EN 1504-6:2006
- 6. Notified Body:**  
BSI Assurance UK Ltd (0086)  
BSI Assurance UK Ltd (2797)
- 7. Declared performance(s):**  
EN 1504-3:2005  
EN 1504-6:2006
- 8. Certificate of conformity of the factory production control #:**  
CPR 787262 UKCA 0086  
CPR 787263 CE 2797

**EN1504-3:2005**

Essential Characteristics	Performance	Standard
Compressive Strength	Class R4 ( $\geq 45\text{MPa}$ )	EN 12190:1999 (EN 1504-3:2005)
Chloride Ion Content	$\leq 0.05\%$	EN 1015-17:2000 (EN 1504-3:2005)
Adhesive Bond	$\geq 2.0\text{ MPa}$	EN 1542:1999 (EN 1504-3:2005)
Carbonation Resistance	Pass	EN 13036-4:2011 (EN 1504-3:2005)
Elastic modulus	$\geq 20\text{ GPa}$	EN 13412:2006 (EN 1504-3:2005)
Thermal compatibility Part 1 freeze thaw	$\geq 2.0\text{ MPa}$	EN 13687-1:2002 (EN 1504-3:2005)
Skid resistance	Not applicable	EN 13036-4:2011 (EN 1504-3:2005)
Capillary absorption	$\leq 0.5\text{ kgm}^{-2}\text{h}^{-0.5}$	EN 13057:2002 (EN 1504-3:2005)
Reaction to fire	Class A1 (<1% organic content)	EN 13501-1:2018 (EN 1504-3:2005)
Dangerous substances	Refer to current safety data sheet (SDS)	EN 12190:1999 (EN 1504-3:2005)

**EN1504-6:2006**

Essential Characteristics	Performance	Standard
Pull-out strength	Displacement $\leq 0.6\text{mm}$ at load of 75kN	EN 1881:2006 (EN 1504-6:2006)
Chloride Ion Content	$\leq 0.05\%$	EN 1015-17:2000 (EN 1504-6:2005)
Reaction to fire	Class A1 (<1% organic content)	EN 13501-1:2018 (EN 1504-3:2005)
Dangerous substances	Refer to current safety data sheet (SDS)	

The performance of the product identified above is in conformity with the set of declared performance(s). This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, and under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: Sarah Grumman

At Five Star Products, Inc., Shelton, Connecticut, U.S. on 27 October 2023

Signature: 