

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® Structural Concrete VO **DOP_CE_Five Star® Structural Concrete VO**

- 1. Unique identification code of the product type:**
Five Star® Structural Concrete VO (Vertical Overhead) – SKU 29601
- 2. Intended use(s):**
Vertical and overhead rapid repair of reinforced concrete structures, load bearing walls, and soffits; Marine and hydraulic repairs
- 3. Manufacturer:**
Five Star Products, Inc.
2 Enterprise Drive, Suite 303, Shelton, CT 06484 United States

Website: www.fivestarprouducts.com
- 4. System(s) of AVCP**
System 2+
- 5. Harmonised standard**
EN 1504-3:2005
- 6. Notified Body:**
BSI Assurance UK Ltd (0086)
BSI Assurance UK Ltd (2797)
- 7. Declared performance(s):**
EN 1504-3:2005
- 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)

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: 