

## In accordance with annex III of Regulation (EU) 305/2011

No. FTL013 – CPR/2013

# Cementitious Coating 851

### 1. Unique identification code of the product type:

EN 1504-2:2004 Surface Protection System.

### 2. Type, batch or serial number of any other element allowing identification of the construction product as required under Article 11(4):

See batch number and date of manufacture on packaging.

### 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Cement based surface coating for protection against ingress (PIC) rigid trafficked systems.

### 4. Name, registered trade mark and contact address of manufacturer as required pursuant Article 11(5):

Flexcrete Technologies Limited  
Tomlinson Road, Leyland  
Lancashire, PR25 2DY

### 5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable.

### 9. Declared Performance:

Essential Characteristics	Performance	Test Standard	hEN Standard
Compressive Strength	≥ 35 MPa (Class I: traffic with polyamide wheels)	BS EN 12190	BS EN 1504-2: 2004
Permeability to CO <sub>2</sub>	Equivalent to 100mm of concrete	BS EN 1062-6	
Permeability to Water Vapour	S <sub>D</sub> < 5m (Class I Permeable to water vapour)	BS EN ISO 7783-2	
Capillary Absorption	w ≤ 0.1 kg.m <sup>-2</sup> .h <sup>-05</sup> (Class III)	BS EN 1062-3	
Adhesive Bond	≥ 2.0 MPa (Rigid systems with trafficking)	BS EN 1542	
Thermal Compatibility	> 2.0 MPa	BS EN 13687-1	
Coefficient of Thermal Expansion	α <sub>T</sub> ≤ 30 X 10 <sup>-6</sup> K <sup>-1</sup>	BS EN 1770	
Dangerous Substances	COMPLIES	CLAUSE 5.4	
Reaction to Fire	Euroclass A2-s1, d0	BS EN 13501-1	
Chloride Ion Diffusion	Steady state not reached after 31 years on test	UK METHOD	

### 10. Declaration:

The performance of the product identified above is in conformity with the set of declared performance in Section 9. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above in Section 4.

Signed for and on behalf of the manufacturer by:



Chris G. Lloyd – General Manager



Paul Hutton - Technical Manager

Revision 3 - Leyland 08/07/2020