

## DECLARATION OF PERFORMANCE

According to Regulation (EU) No 305/2011

No. **RV0081**

Name of the product: **Deckmaster System R**



1. Unique identification code of the product-type: **EN 1504-2: ZA.1d and ZA.1f**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **Batch number: see product packaging**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **EN 1504-2: Surface protection products - Coating. Ingress protection (1.3). Physical resistance (5.1)**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **Resdev Limited, Pumaflor House, Ainleys Industrial Estate, Elland, West Yorkshire, HX5 9JP, England**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **Not applicable**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **EN 1504-2: System 2+ plus 3 (for uses in buildings and civil engineering works subject to reaction to fire regulations)**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**EN 1504-2: System 2+: The notified body BSI (identification number 0086) performed the initial inspection of the factory and of factory production control and the continuous surveillance, assessments and approval of factory production control under system 2+ and issued Certificate of Conformity of the Factory Production Control number 0086-CPR-601605.**  
**EN 1504-2: System 3: The notified body Exova Warringtonfire (identification number 0833) performed the Classification of Reaction to Fire Performance in accordance with EN 13501-1: 2007 + A1: 2009 and issued test report number WF 335066.**
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **Not relevant**
9. Declared performance: **EN 1504-2: The product is used in surface protection system Deckmaster System R consisting of components Deckmaster DPM, Deckmaster Membrane and Deckmaster UVR.**

Essential characteristic	Performance	Harmonised technical specification
Linear shrinkage	NPD	EN 1504-2:2004
Compressive strength	NPD	
Coefficient of thermal expansion	NPD	
Abrasion resistance	weight loss < 3000 mg	
Adhesion by cross-cut test	NPD	
Permeability to CO <sub>2</sub>	s <sub>D</sub> > 50 m	
Permeability to water vapour	class III	
Capillary absorption and permeability to water	w < 0,1 kg/m <sup>2</sup> x h <sup>0,5</sup>	

**DECLARATION OF PERFORMANCE**

According to Regulation (EU) No 305/2011

No. **RV0036**Name of the product: **Deckmaster System R**

Essential characteristic	Performance	Harmonised technical specification
Adhesion after thermal compatibility	$\geq 1.5 (1,0)^{(1)}$ N/mm <sup>2</sup>	EN 1504-2:2004
Resistance to thermal shock	$\geq 1.5 (1,0)^{(1)}$ N/mm <sup>2</sup>	
Chemical resistance	Pass	
Resistance to severe chemical attack	NPD	
Crack bridging ability	B 4.2 (-10 °C)	
Impact resistance	class III	
Adhesion strength by pull-off test	$\geq 1,5 (1,0)^{(1)}$ N/mm <sup>2</sup>	
Reaction to fire	class B <sub>FL</sub> - s1	
Slip/skid resistance	class III	
Behaviour after artificial weathering	Pass	
Antistatic behaviour	NPD	
Adhesion on wet concrete	NPD	
Release of dangerous substances	NPD	

(1) The value in brackets is the lowest accepted value of any reading.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by: **Mark Spowage (Technical Director)**

United Kingdom, 10<sup>th</sup> February 2014