DECLARATION OF PERFORMANCES
Nº: 215201

1.- Product:
MORCEMREST SR-50

2.-Intended use:
Products for the repair and protection of concrete. Product R4, sulfate resistant, for structural repair of concrete with PCC mortar. For vertical applications without formwork. It admits thicknesses from 5 to 50 mm in vertical and for horizontal applications thicknesses from 10 to 100 mm. Principles 3-4 and 7, Method 3.1; 3.3; 4.4; 7.1 and 7.2

3.-Manufacturer:
GRUPO PUMA SL with registered address: C) Conrado del Campo nº 2 29590 Campanillas (Málaga).www.grupopuma.com

4.- Evaluation and verification system for product performance consistency (EVCP):
2+ plus 4

5.- Notified body: Applus No. 0370, Certificate of Conformity of Production Control No. 0370-CPR-2578

6.-Declared performances:

Essential characteristics	Performances	Harmonised standards	Harmonized Technical Specification
Compressive strength	Class R4	EN12190	EN-1504-3 :2005
Chloride ion content	≤0.05%	EN 1015-17	
Adhesion	≥2Mpa	EN 1542	
Resistance to carbonation	Pasa	EN 13295	
Modulus of elasticity	≥20Gpa	EN 13412	
Thermal compatibility freeze/thaw	≥2Mpa	EN 13687-1	
Capillary absorption	≤0.5Kgm^{-2}h$^{-0.5}$	EN 13057	
Hazardous substances	See safety data sheet		
Reaction to fire	A1	EN 13501	

The performances of the product define in point 1 comply with the performances declared in point 6.
This declaration of features is issued under the sole responsibility of manufacturer stated in point 3 according to Regulation (EU) No. 305/2011 .

Signed by and on manufacturer behalf:
Place and date of issue:Málaga, 21/10/2016

Technical director: Jose A. Ferre Martínez

CE

0370

GRUPO PUMA SL
C) Conrado del Campo nº 2 29590 Campanillas (Málaga).
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Nº: 215201

0370-CPR-2578

EN 1504-3

MORCEMREST SR-50

Sulfate resistant product for structural repair of concrete with PCC mortar.
For vertical applications without formwork. It admits thicknesses from 5 to 50 mm in vertical and for horizontal applications thicknesses from 10 to 100 mm. (based on polymerized hydraulic cement).

Compressive strength: Class R4
Chloride ion content: ≤0.05%
Adhesion: ≥2Mpa
Resistance to carbonation: Pass
Modulus of elasticity: ≥20Gpa **T**
hermal compatibilityPart 1: ≥2Mpa
Capillary absorption : ≤0.5Kgm^{-2}h$^{-0.5}$
Reaction to fire : A1