DECLARATION OF PERFORMANCE
No.: 210351

1.- Product:
MORCEM ELASTIC PM

2.Expected use:
Polyurethane coating intended for the protection of concrete surfaces by providing protection against ingress; moisture control and enhancement of durability; physical resistance and chemical resistance.

3.- Manufacturer:
GRUPO PUMA ESPAÑA located at: Avda. Agrupación Córdoba nº17 ,14014 Córdoba www.grupopuma.com

4.- Evaluation system:2+

5.-Notified body
Applus No. 0370 Certificates of conformity for Production Control No. 0370-CPR-7032.

6.-Declared performances

Essential characteristics	Performances	Harmonized standard
Resistance to abrasion	Weight loss <3000gr	EN-1504-2: 2004
CO_2 permeability	Sd>50m	
Permeability to water vapour	Class I	
Capillary absorption and water permeability	Pass ≤ 0.5 $kg \cdot m^{-2} \cdot h^{-0.5}$	
Resistance to thermal shock	≥1.5Mpa	
Resistance to severe chemical attack: **Group 9** **Group 10** **Group 12 (20% potassium hydroxide solution by volume)**	Hardness reduction ≤ 50% (Shore D) Class II (loss of gloss) Clase II (Slight discolouration) Clase II	
Crack-bridging ability	A4 (-10ºC), B3, 2(23ºC)	
Impact resistance	Class I	
Bond strength by direct tensile adhesion	≥1.5Mpa	
Reaction to fire	E	
Artificial weathering	No blistering, no cracking, no peeling. No colour change, no loss of gloss and no significant surface chalking.	
Hazardous substances	NPD	
Legend for severe chemical attack resistance: number of groups and related descriptions according to (EN 13529)		
Group 9:	**Aqueous solutions of organic acids up to 10%.**	
Group 10:	**Inorganic acids up to 20% and salts with acidic hydrolysis in aqueous solution (pH < 6), excluding hydrofluoric acid, oxidising acids and their salts.**	
Group 12:	**Non-oxidising inorganic salt solutions with pH between 6 and 8**	

The performance of the product identified in point 1 conforms with the declared performance in point 6.

This declaration of performance is issued, in accordance with Regulation (EU) No. 305/211, under the sole responsibility of the manufacturer indicated in point 3.
Signed by and on behalf of the manufacturer:

Place and date of issue: Córdoba, 30/04/24.

Technical Director: Jose A. Ferre Martínez