

DECLARATION OF PERFORMANCE

POLYXIS®

Date of issue: 2015/10/26

Version: 02

Availability: www.imperialum.com

1. Unique identification code of the product-type:

POLYXIS 40, POLYXIS 50, POLYXIS R40, POLYXIS R50, POLYXIS R40 Garden, POLYXIS R50 Garden, POLYXIS R50 T Deck

2. Intended use/es:

Roof waterproofing

Damp proofing for buildings, including basement tanking (POLYXIS R40 e POLYXIS R50 Garden)

3. Manufacturer:

IMPERALUM – Sociedade Comercial de Revestimentos e Impermeabilizações, S.A. – Zona Industrial do Pau Queimado – Apartado 151 – 2874-908 MONTIJO - PORTUGAL

4. System/s of AVCP:

System 2+

5. Harmonized standard:

EN 13707:2004 + A2:2009 – Reinforced bitumen sheets for roof waterproofing

EN 13969:2008 – Bitumen damp proof sheets including bitumen basement tanking sheets

6. Notified body/ies:

CERTIF – Associação para a Certificação (Notified body nº 1328) whom issued the Certificate of Conformity of the factory production control nº 1328-CPR-0173

7. Declared performance:

Essential characteristics	Performance			Units	Harmonized technical specification
Watertightness	Pass ⁱ			-	EN 13707:2004 + A2:2009 ⁱ EN 13969:2008 ⁱⁱ
Tensile strength: ⁱⁱⁱ					
Maximum force L	(400±80) ^{iv}	(750 ±150) ^v	(800±160) ^{vi}	N/50 mm	
Maximum force T	(300±60) ^{iv}	(450±80) ^v	(500±100) ^{vi}		
Elongation at maximum force L	(3±1) ^{iv}	(35±15) ^v	(35±15) ^{vi}	%	
Elongation at maximum force T	(3±1) ^{iv}	(35±15) ^v	(35±15) ^{vi}		
Flexibility at low temperature	≤ - 5 ⁱ			°C	
Durability after heat exposure, on oven:					
Flow resistance at elevated temperature	(120 ± 10) ⁱ			°C	
Flexibility at low temperature	(5 ± 5) ⁱ			°C	
Resistance to static loading – method A	≥ 1000 ^{v, vi}			mm	
Resistance to static loading	≥ 15 ^{v, vi}			kg	
Resistance to tearing	≥ 150 ^{v, vi}			N	
Peel resistance of joints	NPD ⁱ			N/50 mm	
Shear resistance of joints	NPD ⁱ			N/50 mm	
Dangerous substances ^{vii, viii}	Complies ⁱ			-	
Reaction to fire	Class E ⁱ			-	
External fire performance	Class B roof (t1) ⁱ			-	
Root resistance	Pass ^{ix}			-	EN 13707:2004 + A2:2009 ⁱ

ⁱ All products mentioned in point 1. of the present Declaration

ⁱⁱ POLYXIS R40 and POLYXIS R50 Garden

ⁱⁱⁱ L means Longitudinal direction, T means Transversal direction

^{iv} POLYXIS 40 and 50

^v POLYXIS R40, R50, R40 Garden and R50 Garden

^{vi} POLYXIS R50 T Deck

^{vii} These products do not contain asbestos or tar constituents

^{viii} Since there is no European test method available no performance declaration for leaching can be made

^{ix} POLYXIS R40 Garden and R50 Garden

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) N° 305/2011, under the sole responsibility of the manufacturer identified above.

Montijo, 26th of October of 2015



Rui Silvestre – Chief Executive Officer