



**DERBIGUM®**  
MAKING BUILDINGS SMART

## **DECLARATION OF PERFORMANCE**

### **N° P120A-V2-EN**

1 - Unique identification Code of the product type:

**P120A-DERBIGUM GC**

2 - Identification of the construction product, in accordance with article 11(4)

DERBIGUM GC /Lot number: see on product or on labelling

3 - Intended use(s) of the construction product:

Flexible sheet for waterproofing

3A Reinforced bitumen sheet for roof waterproofing

3B Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete

4 - Name, registered trade name or registered trade mark and contact address of the manufacturer in accordance with article 11(5):

DERBIGUM-IMPERBEL sa/nv Chaussée de Wavre, 67 B-1360 Perwez (Belgium)

5 - Name and contact address of authorised representative in accordance with article 12(2):

Not applicable

6 - System(s) of assessment and verification of constancy of performance of the product as set out in Annex V

AVCP 2+

7 - In case of the declaration of performance concerning a construction product covered by a harmonised standard :

BCCA- Belgian Construction Certification Association (Notified Body n°0749) :

- performed the inspection of the factory production control under system 2+

- and issued certificates of conformity of the factory production control

n° BC2-310-0305-0123-01 (EN 13707 : 2004 + A2 : 2009)

n° BC2-381-0305-0001-01 (EN 14695 : 2010)

8 - In case of the declaration of performance concerning a construction product for which a European technical assessment has been issued:

Not applicable



**DERBIGUM®**

MAKING BUILDINGS SMART

9A – Declared performance following harmonized technical specification

**EN 13707 : 2004 + A2 : 2009**

Essential characteristics	Performances	Units
External fire performance (Note 1)	FRoof (t1, t2, t3, t4)	-
Reaction to fire	E	-
Watertightness	Pass	-
Tensile strength : Maximum tensile force LxT*	1200 x 1200 (± 20%)	N/50 mm
Elongation at maximum tensile force LxT*	50 x 50(± 15)	%
Root Resistance	NPD**	-
Resistance to static loading method A	20	kg
Resistance to impact method A and B	1750	mm
Resistance to tearing LxT*	250 x 250(± 20%)	N
Joint strength : Peel resistance Shear resistance	80 (± 30) 800 (± 20%)	N/50 mm N/50mm
Durability : UV Heat and water Pliability after heat oven exposure	Pass -10 (± 5)	- °C
Pliability	-15	°C
Dangerous Substances	(Note 2)	-

\* L means longitudinal direction, T means transverse direction

\*\* NPD No Performance Determined

Note 1: No performance can be given. The external fire performance of a roof is dominated by the built up system

Note 2: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use.



**DERBIGUM®**  
MAKING BUILDINGS SMART

9B – Declared performance following harmonized technical specification  
**EN 14695 : 2010 (with use of DERBIPRIMER GC as bituminous primer))**

Essential characteristics	Performances	Units
Watertightness	Pass	-
Water absorption	<1	%
Tensile strength : Maximum tensile force LxT*	1200 x 1200 (± 20%)	N/50 mm
Elongation at maximum tensile force LxT*	50 x 50 (± 15)	%
Bond strength		
-to concrete	≥0.4	N/mm <sup>2</sup>
-to asphalt concrete	≥0.4	N/mm <sup>2</sup>
-to mastic asphalt	≥0.4	N/mm <sup>2</sup>
Capacity to bridge cracks	Pass at -10°C (type 3)	°C
Compatibility		
-asphalt concrete	>150	%
-mastic asphalt	>160	%
Cold bending behaviour	-15	°C
Resistance to shear		
-asphalt concrete	≥0.2	N/mm <sup>2</sup>
-mastic asphalt	≥0.2	N/mm <sup>2</sup>
Resistance to heat impact		
-inclusions	<6	Nbr
-black spots	<50	%
-lowering thickness	<1	mm
Resistance to perforation (compaction)	Pass	-
Durability (thermal ageing behaviour) :		
-Water absorbtion	<1	-
-Flexibility at low temperature	≤-0	°C
-Flow resistance at elevated temperature	≥110	°C
-Compatibiliy by heat conditioning	>100	%
Dangerous Substances	(Note 1)	-

\* L means longitudinal direction, T means transverse direction

Note 1: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use.

10 – The performance of the product identified in points 1 and 2 is in conformity with the declared performance in points 9A and 9B.

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:

Mr Steve Geubels,  
Group Operations Director

Perwez 09/12/2014