



**DERBIGUM®**  
MAKING BUILDINGS SMART

## **DECLARATION OF PERFORMANCE**

### **N° P120A-V3-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



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9A – Declared performance following harmonized technical specification

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

<b>Essential characteristics</b>	<b>Performances</b>	<b>Units</b>
External fire performance (Note 1)	F <sub>Roof</sub> (t <sub>1</sub> , t <sub>2</sub> , t <sub>3</sub> , t <sub>4</sub> )	-
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*	300 x 300(± 25%)	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.



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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 -to asphalt concrete -to mastic asphalt	≥0.4 ≥0.4 ≥0.4	N/mm <sup>2</sup> N/mm <sup>2</sup> N/mm <sup>2</sup>
Capacity to bridge cracks	Pass at -10°C (type 3)	°C
Compatibility -asphalt concrete -mastic asphalt	>150 >160	% %
Cold bending behaviour	-15	°C
Resistance to shear -asphalt concrete -mastic asphalt	≥0.2 ≥0.2	N/mm <sup>2</sup> N/mm <sup>2</sup>
Resistance to heat impact -inclusions -black spots -lowering thickness	<6 <50 <1	Nbr % mm
Resistance to perforation (compaction)	Pass	-
Durability (thermal ageing behaviour) : -Water absorption -Flexibility at low temperature -Flow resistance at elevated temperature -Compatibility by heat conditioning	<1 ≤-0 ≥110 >100	- °C °C %
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 02/08/2016