

DECLARATION OF PERFORMANCE

N° P126A-V4-EN

1 - Unique identification Code of the product type:

P126A-DERBIGUM GC AR

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

DERBIGUM GC AR /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 (roof garden)

3B Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete (roof garden)

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

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	Pass	-
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.

9B – Declared performance following harmonized technical specification

EN 14695 : 2010 (with use of DERBIPRIMER GC as bituminous primer))

Essential characteristics	Performances	Units
Watertightness Water absorption	Pass <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	≥0.7 ≥0.4 ≥0.4	N/mm ² N/mm ² N/mm ²
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 ² N/mm ²
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 31/03/2020