

# DECLARATION OF PERFORMANCE



DoP Number

**GR-5005-001**

1. Unique identification code of the product-type:

FIBRANskin BARRIER 2400

2. Intended use/es:

Application: Plastic and rubber vapour control layers - EN 13984: 2013

3. Manufacturer:

FIBRAN S.A. 56410, Thessaloniki, Greece

4. Authorised representative:

5. System/s of AVCP:

System 3

6a. Harmonised standard:

EN 13894:2013

Notified body/ies:

NB 1396, NB 1301

7. Declared performance/s:

EN 13894:2013

8. Essential characteristics

Performance

PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
Water vapour transmission (sd)	EN 1931 (23-0/75)	m	2400	1500	-
Density of water vapour flow rate (g)	EN 1931 (23-0/75)	kg / (m <sup>2</sup> s)	1,73E-10	-	2,77E-10
Durability (exposure to artificial ageing)					
Water vapour transmission properties	EN 1931	pass / no pass	pass	-	-
Water tightness	EN 1928 (A)	pass / no pass	pass	-	-
Reaction to fire (EN13501-1)	EN ISO 11925-2	class	E	-	-
Maximum tensile force (MD)	EN 12311-2	N/50mm	190	150	-
Elongation at max. tensile force (MD)	EN 12311-2	%	20	7	-
Maximum tensile force (XD)	EN 12311-2	N/50mm	170	130	-
Elongation at max. tensile force (XD)	EN 12311-2	%	30	15	-
Resistance to tearing MD (nail shank)	EN 12310-1	N	280	210	-
Resistance to tearing XD (nail shank)	EN 12310-1	N	300	210	-
Resistance to impact	EN 12691	mm	(+)		
Joint strength	EN 12317-2	N/5cm	(+)		
Durability (against alkali)					
Elongation at max. tensile force (MD)	EN 12311-2	pass / no pass	(+)		
Elongation at max. tensile force (XD)	EN 12311-2	pass / no pass	(+)		

(+): No Performance Determined

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) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Stella Chadiarakou

R&D - Quality Assurance Manager

Thessaloniki

1/2/2022