rothoblaas

DECLARATION OF PERFORMANCE

Regulation (EU) no 305/2011

BYTSLATE3500_DOP_13707_2102

1. Unique identification code of the product-type:

BYTUM SLATE 3500

2. Intended use/es:

EN 13707: 2013 - Reinforced bitumen sheets for roof waterproofing - Multilayer systems, top layer

EN 13707: 2013 - Reinforced bitumen sheets for roof waterproofing - Multilayer systems, top layer

EN 13859-1: 2014 - Flexible sheets for waterproofing, underlays for discontinuous roofing

EN 13859-1: 2014 - Flexible sheets for waterproofing, underlays for discontinuous roofing

3. Manufacturer:

ROTHO BLAAS SRL - via dell'Adige 2/1 - 39040 Cortaccia (BZ) - Italy

5. System/s of AVCP:

EN 13707 - System 2+

EN 13859-1 - System 3

6a. Harmonised standard:

EN 13707: 2013 - Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics

EN 13707: 2013 - Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics

EN 13859-1: 2014 - Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous roofing

EN 13859-1: 2014 - Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous roofing

Notified Body/ies:

EN 13707: SGS INTRON CERTIFICATIE B.V. (NB 0958)

EN 13859-1: /

7. Declared performance/s:

see next page

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

BYTSLATE3500_CPR_13707_2102

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:

Luca Sestigiani
Technical Director

Cortaccia, 01.02.2021

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ROTHO BLAAS SRL

Via dell'Adige N.2/1 | I-39040, Cortaccia (BZ) | Italia | Tel: +39 0471 81 84 00 | Fax: +39 0471 81 84 84 | info@rothoblaas.com | www.rothoblaas.it
Banca: UniCredit SpA | Piazza Walther 4 | 39100 Bolzano | Italia | IBAN: IT08Y0200811600000030088887 | BIC: UNCRITM1965

7. Declared performance/s:

Essential characteristics	Performance/s		Harmonised technical specification
External fire performance	class	F_{ROOF}	EN 13707:2013
Reaction to fire	class	F	
Watertightness	60	kPa	
Tensile properties MD/CD	400/300 ±20%	N/5cm	
Elongation	35/35 ±15%	%	
Resistance to root penetration	npd		
Resistance to static loading (Method A)	npd		
Resistance to impact	npd		
Resistance to tearing (nail shank) MD/CD	120/120 -30%	N	
Joint strength	npd		
Artificial aging behaviour	90	°C	
Flexibility at low temperatures (pliability)	-20	°C	
Release of dangerous substances	No		

Reaction to fire	class	F	EN 13859-1: 2014
Watertightness	60	kPa	
Tensile properties MD/CD	400/300 ±20%	N/5cm	
Elongation	35/35 ±15%	%	
Resistance to tearing (nail shank) MD/CD	120/120 -30%	N	
Flexibility at low temperatures (pliability)	-20	°C	
Durability: after artificial ageing - Resistance to water penetration	npd		
Durability: after artificial ageing - Tensile properties MD/CD	npd		
Release of dangerous substances	No		

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PRODUCT DATASHEET

Characteristics	Value/s		Test method
Visible defects	no defects		EN 1850-1
Length	10 ±1%	m	EN 1848-1
Width	1 ±1%	m	EN 1848-1
Straightness	npd		EN 1848-1
Mass per unit area	3,5 ±10%	kg/m²	EN 1849-1
Thickness	2,8 ±5%	mm	EN 1849-1
Watertightness (Method A)	60	kPa	EN 1928
Watertightness after stretching	npd		EN 13897
External fire performance	F_{ROOF}		EN 13501-5
Reaction to fire	F	class	EN 13501-1
Joint peel resistance	50	N	EN 12316-1
Joint shear resistance	npd		EN 12317
Tensile properties: maximum tensile strength	400/300 -20%	N/50mm	EN 12311-1
Tensile properties: maximum tensile force elongation	35/35 -15	%	EN 12311-1
Resistance to impact	npd		EN 12691
Resistance to static load	npd		EN 12730
Resistance to tearing (nail shank) MD/CD	120/120 -30%	N	EN 12310-1
Resistance to root penetration	npd		EN 13948
Dimensional stability	npd		EN 1107-1
Form stability under cyclic temperature change	npd		EN 1108
Flexibility at low temperatures (pliability)	-20	°C	EN 1109
Flow resistance at elevated temperature	100	°C	EN 1110
Artificial ageing by long-term exposure to a mixture of UV radiation, high temperatures and heat	npd		EN 1297
Adesion of granules	npd		EN 12039
Water vapour transmission properties μ	npd		EN 1931

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