



1. Unique identification code of the product-type:	Polystyrene boards EPS S ATLAS Fasada Grafit λ 031 EPS EN 13163 T1-L2-W2-S5-P5-BS100-DS(N)2-DS(70,-)2-TR100																																																							
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:	The batch number is indicated on the packaging.																																																							
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	Thermal insulation for buildings PN-EN 13163+A1:2015-03																																																							
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	ATLAS Sp. z o.o. ul. Św. Teresy 105, 91-222 Łódź telefon: (042) 631 89 45 fax: (042) 631 89 46 www.atlas.com.pl																																																							
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	not applicable																																																							
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:	System 3																																																							
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	not applicable																																																							
8. In the case of the declaration of performance concerning a construction product covered by a European Technical Assessment:	PN-EN 13163+A1:2015-03 Thermal insulation products for buildings - Factory made products of expanded polystyrene (EPS) products - Specification Notified body no. 1488 Instytut Techniki Budowlanej (ITB ul. Filtrowa 1, 00-611 Warszawa, Polska). Notified body no. 1434 Polskie Centrum Badań i Certyfikacji S.A. Oddział w Gdańsku (ul. Jaśkowa Dolina 81, 80-286 Gdańsk, Polska).																																																							
9. Declared performance:	<table border="1"> <thead> <tr> <th>Essential characteristics</th> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td>Reaction to fire.</td> <td>Reaction to fire</td> <td>E</td> </tr> <tr> <td>Continuous glowing combustion</td> <td>Continuous glowing combustion</td> <td>N/A</td> </tr> <tr> <td>Water permeability</td> <td>Water absorption</td> <td>N/A</td> </tr> <tr> <td>Release of dangerous substances to the indoor environment</td> <td>Release of dangerous substances</td> <td>N/A</td> </tr> <tr> <td>Index of airborne sound insulation</td> <td>Dynamic stiffness</td> <td>N/A</td> </tr> <tr> <td>Noise reduction coefficient</td> <td>-</td> <td>-</td> </tr> <tr> <td rowspan="3">Impact noise transmission index (for floors)</td> <td>Dynamic stiffness</td> <td>N/A</td> </tr> <tr> <td>Thickness, d_L</td> <td>N/A</td> </tr> <tr> <td>Compressibility</td> <td>N/A</td> </tr> <tr> <td rowspan="2">Thermal resistance</td> <td>Thermal resistance and declared thermal conductivity</td> <td>R_D – see Table below $\lambda_D \leq 0,031$ W/mK</td> </tr> <tr> <td>Thickness</td> <td>T1</td> </tr> <tr> <td>Water vapour permeability</td> <td>Water vapour transmission</td> <td>N/A</td> </tr> <tr> <td rowspan="2">Compressive strength</td> <td>Compressive stress at 10% deformation</td> <td>N/A</td> </tr> <tr> <td>Deformation under specified compressive load and temperature conditions</td> <td>N/A</td> </tr> <tr> <td rowspan="2">Tensile/Flexural strength</td> <td>Bending strength</td> <td>BS100</td> </tr> <tr> <td>Tensile strength perpendicular to faces</td> <td>TR100</td> </tr> <tr> <td>Durability of reaction to fire against heat/ weathering/ ageing/ degradation</td> <td>Durability characteristics</td> <td>No changes</td> </tr> <tr> <td rowspan="2">Durability of thermal resistance against heat/ weathering/ ageing/ degradation</td> <td>Thermal resistance – declared thermal conductivity</td> <td>No changes</td> </tr> <tr> <td>Durability characteristics</td> <td>No changes</td> </tr> </tbody> </table>		Essential characteristics	Performance		Reaction to fire.	Reaction to fire	E	Continuous glowing combustion	Continuous glowing combustion	N/A	Water permeability	Water absorption	N/A	Release of dangerous substances to the indoor environment	Release of dangerous substances	N/A	Index of airborne sound insulation	Dynamic stiffness	N/A	Noise reduction coefficient	-	-	Impact noise transmission index (for floors)	Dynamic stiffness	N/A	Thickness, d_L	N/A	Compressibility	N/A	Thermal resistance	Thermal resistance and declared thermal conductivity	R_D – see Table below $\lambda_D \leq 0,031$ W/mK	Thickness	T1	Water vapour permeability	Water vapour transmission	N/A	Compressive strength	Compressive stress at 10% deformation	N/A	Deformation under specified compressive load and temperature conditions	N/A	Tensile/Flexural strength	Bending strength	BS100	Tensile strength perpendicular to faces	TR100	Durability of reaction to fire against heat/ weathering/ ageing/ degradation	Durability characteristics	No changes	Durability of thermal resistance against heat/ weathering/ ageing/ degradation	Thermal resistance – declared thermal conductivity	No changes	Durability characteristics	No changes
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Durability of compressive strength against ageing and degradation	Compressive creep								N/A	
	Freeze-thaw resistance								N/A	
	Long term thickness reduction								N/A	

Thickness [mm]	10	20	30	40	50	60	70	80	90	100
Declared thermal resistance (R _D) [m²KW]	0,30	0,60	0,95	1,25	1,60	1,90	2,25	2,55	2,90	3,20
Thickness [mm]	110	120	130	140	150	160	170	180	190	200
Declared thermal resistance (R _D) [m²KW]	3,50	3,85	4,15	4,50	4,80	5,15	5,45	5,80	6,10	6,45
Thickness [mm]	210	220	230	240	250	260	270	280	290	300
Declared thermal resistance (R _D) [m²KW]	6,75	7,05	7,40	7,70	8,05	8,35	8,70	9,00	9,35	9,65

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

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:

MICHAŁ GOSŁAWSKI

FOREIGN MARKETS MANAGER

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(name and function)

ŁÓDŹ, 08.06.2015 (place and date of issue)	ATLAS sp. z o.o. Dyrektor ds. Rynków Zagranicznych (signature)
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