



# Castle-Forms

## CONSTRUCTION SYSTEMS

Castle-Forms Ltd,  
Clonminam Business Park,  
Old Knockmay Road,  
Portlaoise,  
County Laois,  
R32 DP27,  
Ireland.

### Declaration of Performance

Product Name:	EPS 100 Board White
DOP Reference No.	001-DOP-03-01-17
Issue No.	003
Issue Date:	3 <sup>rd</sup> January 2017

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1.	Unique Identification code of the product type:	EPS 100 Board White																																						
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:	Description and Batch code is affixed to the product label.																																						
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																																						
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	Castle-Forms Ltd, Clonminam Business Park, Old Knockmay road, Portlaoise, County Laois, R32 DP27, Ireland																																						
5.	Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	Not Applicable																																						
6.	System or systems of assessment and verification of performance of the construction product as set out in CPR, Annex V:	AVCP System 3																																						
7.	In case of the declaration of performance concerning a construction product covered by a harmonized standard:	Notified Testing Laboratory No. 0370 performed product type determination under AVCP System 3 and issued test reports.																																						
8.	<p>Declared Performance:</p> <table border="1"> <thead> <tr> <th>Essential Characteristics</th> <th>Performance</th> <th>Test Method</th> <th>Harmonized Technical Specification</th> </tr> </thead> <tbody> <tr> <td>Thermal Conductivity</td> <td><math>\lambda_D = 0.035 \text{ W/m.K}</math></td> <td>EN 12667</td> <td rowspan="11" style="text-align: center; vertical-align: middle;"><b>EN 13163:2012</b></td> </tr> <tr> <td>Reaction to Fire</td> <td>Euro Class E</td> <td>EN 15715</td> </tr> <tr> <td>Compressive Strength</td> <td>CS (10) 100</td> <td>EN 826</td> </tr> <tr> <td>Bending Strength</td> <td>BS 150</td> <td>EN 12089</td> </tr> <tr> <td>Long Term Water Absorption by Total Immersion</td> <td>WL(T)i 4.0%</td> <td>EN 12087</td> </tr> <tr> <td>Dimensional Stability</td> <td>DS(N)5</td> <td>EN 1603</td> </tr> <tr> <td>Length</td> <td>L3</td> <td>EN 822</td> </tr> <tr> <td>Width</td> <td>W3</td> <td>EN 822</td> </tr> <tr> <td>Thickness</td> <td>T2</td> <td>EN 823</td> </tr> <tr> <td>Flatness</td> <td>P(5)</td> <td>EN 825</td> </tr> <tr> <td>Squareness</td> <td>S5</td> <td>EN 824</td> </tr> </tbody> </table>		Essential Characteristics	Performance	Test Method	Harmonized Technical Specification	Thermal Conductivity	$\lambda_D = 0.035 \text{ W/m.K}$	EN 12667	<b>EN 13163:2012</b>	Reaction to Fire	Euro Class E	EN 15715	Compressive Strength	CS (10) 100	EN 826	Bending Strength	BS 150	EN 12089	Long Term Water Absorption by Total Immersion	WL(T)i 4.0%	EN 12087	Dimensional Stability	DS(N)5	EN 1603	Length	L3	EN 822	Width	W3	EN 822	Thickness	T2	EN 823	Flatness	P(5)	EN 825	Squareness	S5	EN 824
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9.	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in clause 8.	<p>This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.</p> <p>Signed for and behalf of Castle-Forms Ltd by: Tom Maher, Managing Director, Castle-Forms Ltd</p> <p>Signature:  Date: 03/01/2017</p>																																						