

Declaration of Performance

Version: 06/2013 – Nr. 1

1. Unique identification code of the product-type:	Expanded Polystyrene (EPS)	
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4):	Roth Combiplade og vendeplade til Combiplade	
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	Factory made expanded polystyrene as thermal insulation	
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	Roth Nordic A/S Centervej 5 3600 Frederikssund Denmark	
5. When applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	Not relevant	
6. Systems or systems of assessment and verification of constancy 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 harmonised standard:	DS/EN 13163 Teknologisk institut, EU-Notified Body No. 1235 has performed initial test for: Thermal conductivity [Report 0536-39], compressive stress (10%) [Report 679880].	
8. Declared performance	Not relevant	
<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonised technical specification</i>
Thickness	Class T(2)	DS/EN 131637
Length	Class L(3)	DS/EN 131637
Width	Class W(3)	DS/EN 131637
Squareness	Class S(5)	DS/EN 131637

Flatness	Class P(30)	DS/EN 131637
Reaction to fire	Class F (or NPD)	DS/EN 131637
Thermal conductivity	0,038 W/m2K	DS/EN 131637
Compressive stress (10%)	80 kPa	DS/EN 131637
Long-term compressive behaviour (2%)	24 kPa	DS/EN 131637 According to annex F.2
Water vapour diffusion resistance factor μ	20 to 40	DS/EN 131637 According to annex F.4
Water vapour permeability mg/(Pa.h.m)	0,015 to 0,030	DS/EN 131637 According to annex F.4
Bending strength	125 kPa	DS/EN 131637 According to annex C
Shear strength	60 kPa	DS/EN 131637 According to annex F.3

9. The performance of Roth vendeplade til Combiplade is in conformity with the declared performance in point 8. – Declared performance.

Place/Date

Frederikssund / 29.06.2015

Name/Position

Martin Stampe Bornø

Nordic Technical Manager



Signature