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3315 E. Division Street • Arlington, TX 76011 • 817-640-4900 • Info@Demilec.com

## DECLARATION OF PERFORMANCE

No. 001CPR2013-07-14

*Unique identification code of the product type:*

Sealection Agribalance, open-cell, spray-applied polyurethane foam insulation

*Intended uses:*

Intended to be used inside external and/or internal walls, partitions, floors, intermediate floors, ceilings and underside of roofs and underside of decks as thermal and acoustical insulation in such constructions where it is not subjected to loads or not exposed to wetting, weathering, heavy moisture transport or heavy condensation.

*Manufacturer:*

Demilec Inc.  
2925 Galleria Dr.  
Arlington, Texas 76011  
USA

*Authorised Representative:*

Ken Schwieterman  
VP of Operations - Demilec  
3315 E. Division Street  
Arlington, Texas 76011 - USA

*Harmonised Standard:*

EN 14315-1:2013

*Notified Bodies:*

British Board of Agrément

*European Assessment Document:*

Eurooppalaninen tekninen hyväksyntä ETA – 13/0613  
European Technical Approval  
VTT Expert Services Ltd.  
PL 1001  
02044 VTT

*Technical Assessment Body:*

Intertek Testing Services NA, Inc. – ETL/Warnock Hersey  
(FBC Organization #:QUA1673)

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### Declared Performances:

Characteristic	Test Method	Declared performance
Resistance to Fire	EN 1363-1 Load Bearing Wall Assembly	Passed
Resistance to fire	EN 13501-1 2007	NDP (not tested)
Thermal resistance and thermal conductivity	EN ISO 12667 EN ISO 10456	0.03836 W/mK (density <sub>mean</sub> 9,2 kg/m <sup>3</sup> ) Declared value 0,039
Compressive strength or compressive stress	EN 826	At 10% deformation 11,2 kPa
Water vapor permeability or transmission	EN 12086	3,187 x 10 <sup>-11</sup> kg/msPa μ-value 6,11
Water permeability – short term water absorption by partial immersion	EN 1609, Method A	2,64 kg/m <sup>2</sup>
Dynamic stiffness	EN 29052-1	9 MN/m <sup>3</sup> (density c. 13,4 kg/m <sup>3</sup> )
Compressibility (thickness change)	EN 12667 and EN ISO 10456	9,2 (density <sub>mean</sub> 12,0 kg/m <sup>3</sup> )
Tensile strength parallel to faces	EN 1608	11,3 kPa
Susceptibility to mould growth	CUAP Annex B	Rating 0 (without spore addition) Rating 0 (with spore addition)
Corrosion developing capacity	CUAP Annex B	No pits on copper sheets – small pits on sheet of zinc
Reaction to fire	EN ISO 11925	Class F (not tested)

### Appropriate Technical Documentation and/or Specific Technical Documentation

Eurooppalaninen tekninen hyväksyntä ETA – 13/0613

VTT Type Tests No. VTT-S-03734-13

VTT Test Report No. VTT-S-03578-13

VTT Test Report No. VTT-S-03744-13

VTT Customer Report VTT-CR-03349-13

VTT ETA Evaluation Report VTT-S-04944-13

Exova Warrington Fire, WF Report No. 318779

BBA Test Report 50812A

The performance of the product identified above is in conformity with the set of declared performances. 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:

Michael Lamminen, Ph.D.

Demilec Inc.

Date:

July 24, 2014

Signature:

