DECLARATION OF PERFORMANCE

Nr. DoP C2EN14/2
300STG-040

1. Unique identification code of the product-type: STYROFOAM 300STG

2. Type, id. number: STYROFOAM 300STG, 3001504010
Thickness: 40mm

3. Intended use of the construction product as foressen by the manufacturer: Thermal Insulation for Buildings (ThIB)
XPS/EN13164 - 2012

4. Name and contact address of the manufacturer: RAVATHERM Hungary Kft.
8184 Balatonfűzfő, Almádi út 4.

5. System or systems of assessment and verification of constancy of: AVCP - System 3

6. Name and identification number of notified body: FIW (0751)

7. Declared Performance: Essential characteristic (EN 13164 - ZA1)

Essential characteristic	**Performance**
Thermal conductivity	λ_d = 0,033 W/mK
Thermal resistance	R_d = 1,20 m^2K/W
Dimensional tolerances	T 1
Compressive strength	CS(10\Y) 300
Tensile strength perpendicular to faces	TR NPD
Shear strength	SS NPD
Reaction to fire	E
Continuous glowing combustion	- -
Long term water absorption by total immersion	WL(T) 0,7
Long term water absorption by diffusion	WD(V) 3
Water vapor diffusion resistance factor	MU 100
Durability of compressive strength against (compressive creep)	CC (2/1,5/50) NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	No change in Reaction to fire properties for extruded polystyrene foam
Durability of thermal resistance against heat, weathering, ageing/degradation	
Thermal resistance and thermalconductivity	see above R_d and λ_d
Freeze/thaw resistance after long term water absorption by diffusion	FTCD NPD
Freeze/thaw resistance after long term water absorption by total immersion	FTCI NPD
Dimensional stability under specified temperature and humidity conditions	DS (70,90)
Deformation under specified compressive load and temperature conditions	DLT (2) 5
Release of dangerous substances to the indoor environment	- -

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.
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

Gerendi Gábor
TS&D Manager

Balatonfűzfő, 10th February 2014.

This product contains Hexabromocyclododecane (declaration according to CPR requirement Article 6 Paragraph 5).
NPD - No Performance Determined | ™ Trademark of The Dow Chemical Company