



S.C. SWISSPORT S.A. – Ploesti-Est Ring Highway – Ploiesti – 107060 – Prahova County – Romania

## DECLARATION OF PERFORMANCE

No. 22607/19.07.2013

In accordance with the Regulation (EU) no. 305/2011 of the European Parliament and of the Council of March 9, 2011, laying down the harmonized conditions for the marketing of construction products in the community, with Directive 93/68/EEC and the GO no. 20/18.08.2010, SC SWISSPOR SA declares that all conditions are met for the introduction and provision on the market of the type product, which is the subject of this Declaration of Performance.

The performance guarantee relating to the essential characteristics, as declared by the manufacturer, is made in respect of the proposed conditions of the handling-storage instructions and the specific legislation in force.

1. Unique identification code of the type product:

**EPS-EN 13163-T1-L2-W2-S2-P5-BS125-CS(10)80-DS(N)2-DS(70,-)1-TR150-WL(T)3-WD(V)10**

2. -Type: **EPS-EPS-80F- Expanded polystyrene**

-Lot: see the label that accompanies the product, associated to the package

3. Expected use:

Thermal insulation of buildings, without load-bearing applications:

- Composite thermal systems ETICS, plastered facades bonded with glue

4. Manufacturer: SC SWISSPOR SA  
Ploiesti Est Ring Highway,  
Ploiesti, 107 060  
Romania  
e-mail: [info@swisspor.ro](mailto:info@swisspor.ro)  
[www.swisspor.ro](http://www.swisspor.ro)

5. –

6. The system of evaluation and verification of product performance constant: System 3

7. The declaration of performance is issued for EPS 80F covered by the harmonized standard SREN-13163-2012

a). INCERC - Cluj branch, accredited by RENAR under no. LI320, has conducted the initial standard tests and has issued the testing Report no. 386 of 26.05.2009 and no. 534 of 09.09.2005.

b). CNSIPC - Bucharest, accredited by RENAR under no. 042-L, has conducted the reaction to fire tests and has issued the Reaction to FIRE Classification Report no. 12064 of 18.12.2012.

8. –

Tel. +40 244 523 318  
Fax +40 244 543 421  
[info@swisspor.ro](mailto:info@swisspor.ro)  
[www.swisspor.ro](http://www.swisspor.ro)

Registered at the Trade Register under  
no. J29/901/1998  
Tax registration code: RO 10985227  
Share capital: 4,350,000 RON

member of swisspor group



## 9. DECLARED PERFORMANCE

ESSENTIAL CHARACTERISTICS	VALUE	PERFORMANCE	SPECIFIC STANDARD
Reaction to fire	-	Class B-S1d0	SREN 13501-1+A1/2010
Water absorption:			
a). total immersion WL(T)i(%)	≤ 3	WL(T)3	SREN 12087/1999
b). partial immersion WLP (kg/m2)	≤ 0.5	-	SREN 12087/1999
c). diffusion absorption WD (V) (%)	≤ 10	WD (V) 10	SREN 12088/1999
SDi dynamic Stiffness (M/mc)	-	NDP	SREN 29052-1/2001
Thickness d <sub>L</sub> (mm)	-	NDP	SREN 12431 /2002
Compressibility CPi (mm)	-	NDP	SREN 12431 /2002
Thermal conductivity λD10°C (W/mK)	0.040	-	SREN 12667/2002
Thickness Limit Deviation Ti (mm)	±1	T1	SREN 823/1997
Length Limit Deviation Li (mm)	± 2	L2	SREN 822/1997
Width limit Deviation Wi (mm)	± 2	W2	SREN 822/1997
Perpendicularity Limit Deviation Si (mm/m)	± 2	S5	SREN 824/1997
Flatness Limit Deviation Pi (mm)	5	P5	SREN 825/1997
Transmission of water vapor resistance factor μ	20-40	-	SREN 12086/1999
Compression effort at 10% creep CS(10)i (kPa)	≥80	CS (10) 80	SREN 826/1998
Deformation in specified conditions of load and compression DLT (i) 5 (%)	-	NDP	SREN 1605/1998
Resistance to bending			
a). lower limit value (kPa)	50	BB550	SREN 12089/1999
b) BSi (kPa)	≥ 125	B5125	
Tensile perpendicular resistance on TRI surfaces (kPa)	≥ 150	Tr150	SREN 1607/1999
Dimensional stability			
a) in specified conditions of temperature and humidity (70) j (%)	≤ 1	DS (70,-) 1	SREN 1604/1998
b). in normal constant laboratory conditions	±0.2	DS(N)2	SREN 1603/1998
Freeze-thaw resistance (%)	<10	-	SREN 12091/1999
CC compression creep (i1/i2/50) σC (kPa)	-	NDP	SREN 1606/1999
Reducing long lasting depth	-	NDP	SREN 1606/1999

\*NDP = Non-determined period

The procedures for verification of the constant of declared performances are those specified in SREN 13163-2012 Appendix B, under the conditions of maintaining in SC SWISSPOR SA a quality management system according to ISO 9001-2008 certificate by IQNet under no. RO9240.

10. The performance of the product identified in paragraphs 1 and 2 in accordance with the declared performance of point 9.

This declaration is issued on performance exclusive liability of the manufacturer identified in section 4.

Signed for and on behalf of the manufacturer by:

NICOLAE DRAGOI, Technical Manager

Ploiesti  
19.07.2013

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