



## Declaration of Performance NO-21110-CPR

- 1 Product-type** Boards of extruded polystyrene (XPS)
- 2 Identification** Sundolitt® XPS. Product name, product specification, identification and production date is marked on the product, on the packaging, or on the label put on the packaging.
- 3 Intended use** Sundolitt® XPS is intended as a load-bearing thermal insulation for construction and civil engineering applications.
- 4 Name and contact address of the manufacturer**  
Brødr. Sunde as, PO Box 8115 Spjelkavik, N-6022 Ålesund. Ph.: 70 17 70 00.
- 5 System of assessment and verification of constancy of performance (AVCP)**  
System 3 according to EN 13164:2012+A1:2015
- 6 Notified body and tasks performed** Teknologisk Institutt (ID-number 1235) has performed ITT-testing according to System 3.
- 7 Declared performance according to EN 13164:2012.**

### 8 Declared performance

	XPS250	XPS300	XPS400	XPS500	XPS700
Thickness	T1	T1	T1	T1	T1
Reaction to fire	Euroclass F	Euroclass F	Euroclass F	Euroclass F	Euroclass F
Compressive stress	CS(10\Y)250	CS(10\Y)300	CS(10\Y)400	CS(10\Y)500	CS(10\Y)700
Dimensional stability	Class DS(23,90)	Class DS(23,90)	Class DS(23,90)	Class DS(23,90)	Class DS(23,90)
Water absorpt.long.term by imm.	WL(T)0,7	WL(T)0,7	WL(T)0,7	WL(T)0,7	WL(T)0,7
Water absorpt.long.term by dif.	WD(V)2	WD(V)2	WD(V)2	WD(V)2	WD(V)2
Water absorpt.long.term by fr/th	FTCD1	FTCD1	FTCD1	FTCD1	FTCD1

Insulation properties Sundolitt XPS 250-700											
Thickness	d <sub>N</sub> [mm]	30	40	50	60	70	75	80	100	120	150
Sundolitt XPS 250	λ <sub>D</sub> [W/(mK)]	0,033			0,034				0,036	0,039	
Sundolitt XPS 300	λ <sub>D</sub> [W/(mK)]	0,033			0,034				0,036	0,039	
Sundolitt XPS 400	λ <sub>D</sub> [W/(mK)]				0,034				0,036	0,039	
Sundolitt XPS 500	λ <sub>D</sub> [W/(mK)]				0,034				0,036	0,039	
Sundolitt XPS 700	λ <sub>D</sub> [W/(mK)]				0,034				0,036	0,039	

The performance of Sundolitt® XPS is in compliance with the declared values. This DoP is issued in compliance with the regulation (EU) 305/2011.

Signed on behalf of Brødr. Sunde as by:

**Karl Martin Sagstuen**  
Skedsmo, August 17. 2018

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