



Declaration Of Performance

NO-211100-CPR

Product type ID Sundolitt® XPS
Intended use Insulating, load-bearing and frost protection of applications inside and outside buildings.
Producer Brødr. Sunde as, Postboks 8115 Spjelkavik, N-6022 Ålesund. Tlf.: 70 17 70 00.
System of assessment and verification System 3 i henhold til NS-EN 13164:2012+A1:2015.
Harmonized product standard NS-EN 13164:2012+A1:2015. Notified body: 1235, 0432, 0672, 0402.

XPS	XPS200		XPS250		XPS300		XPS400		XPS500		XPS700		Standard
	λ_D	R_D	λ_D	R_D	λ_D	R_D	λ_D	R_D	λ_D	R_D	λ_D	R_D	
Insulating properties 30 mm	0,033	0,90											12667
Insulating properties 50 mm			0,033	1,50	0,033	1,50	0,034	1,45	0,034	1,45	0,034	1,45	12667
Insulating properties 60 mm					0,034	1,75							12667
Insulating properties 70 mm					0,034	2,05					0,034	2,05	12667
Insulating properties 75 mm					0,034	2,20							12667
Insulating properties 80 mm					0,034	2,35			0,034	2,35			12667
Insulating properties 100 mm			0,036	2,85	0,036	2,85	0,036	2,85	0,036	2,85	0,036	2,85	12667
Insulating properties 120 mm					0,041	2,90							12667
Insulating properties 150 mm					0,041	3,65							12667

Thickness	T1	T1	T1	T1	T1	T1	823
Reaction to fire classification	Eurocl. F	Eurocl. F	Eurocl. F	Eurocl. F	Eurocl. F	Eurocl. F	13501-1
Reaction to fire against ageing	No change	No change	No change	No change	No change	No change	13501-1
Insulation properties against ageing	No change	No change	No change	No change	No change	No change	13164
Dimensional stability	DS(23,90)	DS(23,90)	DS(23,90)	DS(23,90)	DS(23,90)	DS(23,90)	1604
Compressive stress or strength	CS(10\Y)200	CS(10\Y)250	CS(10\Y)300	CS(10\Y)400	CS(10\Y)500	CS(10\Y)700	EN 826
Long term water abs. by immersion	WL(T)0,7	WL(T)0,7	WL(T)0,7	WL(T)0,7	WL(T)0,7	WL(T)0,7	EN 12087
Long term water abs. by diffusion	WD(V)3	WD(V)3	WD(V)3	WD(V)3	WD(V)3	WD(V)3	EN 12088
Freezw/thaw resist. by diffusion	FTCD1	FTCD1	FTCD1	FTCD1	FTCD1	FTCD1	EN 12091
Water vapor diffusion resistance factor	MU ₁₅₀	MU ₁₅₀	MU ₁₅₀	MU ₁₅₀	MU ₁₅₀	MU ₁₅₀	EN 12086
Discharge of hazard. substances	Low emitting	Low emitting	Low emitting	Low emitting	Low emitting	Low emitting	ISO 16000-9

The performance of the product complies with the declared values. This DoP complies with the regulation (EU) 305/2011.

Signed on behalf of the producer by:

Karl Martin Sagstuen - Production manager
 Ålesund, January 11, 2020