

CHARACTERISTICS		STANDARD	UNIT	JACKOFOAM® XPS OG JACKOFOAM® TERRA XPS												JACKOFOAM® SUPER XPS	JACKOFOAM® XPS GRUNNMURSPLATER	
				TERRA 300				TERRA 400				500		700		300	300	
				THICKNESS				THICKNESS				THICKNESS		THICKNESS		THICKNESS	THICKNESS	
				0-50	60-70	80-100	120-150	0-50	60-70	80-100	120-150	0-60	70-150	0-60	70-100	40-120	0-60	70-150
Declared(D)/dimensioned (d) thermal conductivity	λ _o declared value	EN 13164	x 10 ⁻³ W/mK	32	35	32	35	32	35	32	35	34	35	34	35	27	34	35
	λ _a horizontally in the ground	EN 10456	x 10 ⁻³ W/mK	35	38	35	38	35	38	35	38	37	38	37	38	-	-	
	λ _a outside wall, towards ground	EN 10456	x 10 ⁻³ W/mK	-				-				-		-		-	34	35
Compressive strength	Durability, short term	EN 826	kPa	300				300				500		700		300	300	
	Durability, long term (2% degradation/50 years)	EN 1606	kPa	140				140				225		250		140	140	
E-modul	E-modul, long term		kPa	7000				7000				11250		12500		7000	7000	
Waterabsorption	Max. waterabsorption by % with full submersion	EN/ISO 16535	Vol%	≤ 0,7				≤ 0,7				≤ 0,7		≤ 0,7		≤ 0,7	≤ 0,7	
	Waterabsorption by diffusion	EN 12088	Vol%	≤ 3,0				≤ 3,0				≤ 3,0		≤ 3,0		≤ 3,0	≤ 3,0	
	Waterabsorption by freeze/melt	EN 12091	Vol%	≤ 1,0				≤ 1,0				≤ 1,0		≤ 1,0		≤ 1,0	≤ 1,0	
Watervapor transmission		EN10456	μ factor	150				150				150		150		150	150	
Capillarity				Capillary breaking				Capillary breaking				Capillary breaking		Capillary breaking		Capillary breaking	Capillary breaking	
Fire class (Reaction to fire)		EN 13501-1		NPD (previously class F)				NPD (previously class F)				NPD (previously class F)		NPD (previously class F)		NPD (previously class F)	NPD (previously class F)	
Max temp.			°C	70				70				70		70		70	70	
Coefficient of linear expansion		EN 822	mm/m°C	0,07				0,07				0,07		0,07		0,07	0,07	