

Characteristics		Norm	
rated value compressive strenght 10% compression (CS)	500 kPa	DIN EN 826	
Continuous compressive strenght creep behavior 2% compression / 50 years (CC)	200 kPa	DIN EN1606	
Earthquake approval Stability under earthquake	yes	Z-23.34-2073	
Bemessungswert Druckfestigkeit 2% compression / 2 years (fcd)	see aBG	Z-23.34-2073	
VOC- regulation (3)	Particularly low in pollutants Emissionsklasse A+	-	
AgBB-Schemas 2018 (1)	Particularly low in pollutants fulfills	-	
Thermal conductivity		DIN EN 13164	
50 - 60 mm	0,033 W/(mK)		
80 mm	0,035 W/(mK)		
100 - 120 mm	0,037 W/(mK)		
140 mm	0,040 W/(mK)		
160 mm	0,042 W/(mK)		
Behaviour under compressive	ds	DIN 4108-10	
thickness tolerance		DIN EN 823	
< 50 mm	-2/+2 mm		
60 mm ≤ 120 mm	-2/+3 mm		
> 120mm	-2/+6 mm		
Dimensional stability 70°C und 90 % r.F.	≤ 5%	DIN EN 1604	
Deformation behavior load 40 kPa und 70°C	≤ 5%	DIN EN 1605	
Reaction to fire Euroclass	class E	DIN EN 13501-1	
Reaction to fire building material class	B1	DIN 4102	
Water absorption Vol % Long time test total immersion	≤ 0,7%	DIN EN 12087	
Water absorption Vol % Long time test by diffusion	≤ 3,0%	DIN EN 12088	
Water absorption Vol % freeze-thaw resistance	≤ 1%	DIN EN 12091	
CE-key	XPS-EN 13164-T1-CS(10/Y)500-DS(70,90)-CC(2/1,5/50)200-DLT(2)5-WL(T)0,7-WD(V)3-FTCD1-TR200		
Form of delivery	Longboard		Shortboard
Plate size	615 mm x 2415 mm		615 mm x 1265 mm
Laying size	600 mm x 2400 mm		600 mm x 1250 mm
Delivery thickness	Plates per package	m ² per package	Delivery on request
50mm	8	11,52	
*60mm	7	10,08	
*80mm	5	7,20	
*100mm	4	5,76	
*120mm	3	4,32	
140mm	3	4,32	
160mm	2	2,88	

*ETA-17/0912 European Technical Assessment
 *Z-23.34-2073 General type approval for the application "load-bearing foundation plate"
 *Z-23.33-2069 General type approval for the application „ Perimeter insulation system"
 *Z-23.31-2101 General type approval for the application „ inverted roof"
 aBG= general type approval