

DECLARED VALUE	UNIT	ACCORDING TO EN 13163	MEASUREMENT STANDARD	FF-EPS 60S	FF-EPS 100	FF-EPS X 60S	FF-EPS ETICS
Application				Walls and roofs	Floors	Flat roofs	ETICS walls
Thermal conductivity $\lambda_{\text{Declared}}$	W/mK	λ_D	EN 12667	0,031	0,031	0,031	0,031
Thickness	mm			85–400	85–300	150–400	100–400
λ_{U} , dry structures *)	W/mK			0,031	0,031	0,031	0,031
λ_{U} , frost insulation	W/mK	According to RIL 225-2023		Not suitable	Not suitable	Not suitable	Not suitable
λ_{U} , socle and basement external insulation	W/mK	According to RIL 225-2023		Not suitable	Not suitable	Not suitable	Not suitable
λ_{U} , Ground floor	W/mK	According to RIL 225-2023		Not suitable	0,034	Not suitable	Not suitable
λ_{U} , inverted roof	W/mK	According to RIL 225-2023		Not suitable	Not suitable	Not suitable	Not suitable
Compressive strength, short term 45 days	kPa	CS(10/Y)i	EN ISO 29469:2022	60	100	60	60
Compressive creep, 50 years	kPa	CC(i1/i2/50) δ_c	EN 1606	NPD	CC(3,0/2,0/50)40	NPD	NPD
Dimensional stability	%	DS(70,90)	EN 1604	1	1	1	1
Bending strength	kPa	BSi	EN 12089	100	150	100	100
Tensile strength	kPa	TRi	EN 1607	130	NPD	130	130
Shear strength	kPa	SSi	EN 12090	50	NPD	50	50
Water absorption, 28 days immersion	t%	WL(T)i	EN ISO 16535:2019	NPD	3	NPD	NPD
Sliding module	kPa	-		-	-	-	1000
Water vapour permeability	μ	MUi	EN 12086	20–40	30–70	20–40	20–40
Reaction to fire			EN 13501-1	E	NPD	E	E
Indoor emission classification				M1	M1	M1	M1
Operating temperature	°C			- 150 ... + 75	- 150 ... + 75	- 150 ... + 75	- 150 ... + 75

*) External walls, roofs (excluding inverted roof), ventilated floor