



Teckfloor

Insulating sheets of moulded sintered expanded polystyrene (EPS)

Insulating slabs of moulded sintered expanded polystyrene, coated with black rigid film (HIPS) with tube holder shape and conforming to UNI EN 13163.

- **TECKFLOOR:** white EPS insulating layer
- **TECKFLOOR NEO:** grey EPS insulating layer with graphite

Useful dimensions: 1400x800 mm

Step: 5 cm

Technical characteristics	TECKFLOOR			TECKFLOOR NEO		U.M.	Norm
Class	EPS 120	EPS 150	EPS 200	EPS 150	EPS 200	-	EN 13163
Useful dimensions	1400x800	1400x800	1400x800	1400x800	1400x800	mm	EN 822
Dimensional tolerances on length and width	± 0,6	± 0,6	± 0,6	± 0,6	± 0,6	%	EN 822
Dimensional tolerance on thickness	± 2	± 2	± 2	± 2	± 2	mm	EN 823
Thickness of the HIPS layer	0,6	0,6	0,6	0,6	0,6	mm	EN 823
Heating tube diameter (recommended)	16÷18	16÷18	16÷18	16÷18	16÷18	mm	-
Orthogonality	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	mm/m	EN 824
Compressive strength at 10% max deformation	≥120	≥150	≥200	≥150	≥200	kPa	EN 826
Declared thermal conductivity λ_D	0,035	0,034	0,033	0,030	0,030	W/mK	EN 12667

THERMAL RESISTANCE R_D AS A FUNCTION OF THICKNESS

TECKFLOOR				TECKFLOOR NEO		
Thickness	EPS 120	EPS 150	EPS 200	Thickness	EPS 150	EPS 200
	R_D (m²K/W)	R_D (m²K/W)	R_D (m²K/W)		R_D (m²K/W)	
28 mm (5 base + studs)	-	-	0,15	33 mm (10 base + studs)	0,30	
33 mm (10 base + studs)	0,25	0,25	0,30	43 mm (20 base + studs)	0,65	
43 mm (20 base + studs)	0,55	0,55	0,60	46 mm (23 base + studs)	0,75	
49 mm (26 base + studs)	0,70	0,75	0,75	53 mm (30 base + studs)	1,00	
53 mm (30 base + studs)	0,85	0,85	0,90	61 mm (38 base + studs)	1,25	
63 mm (40 base + studs)	1,10	1,15	1,20	68 mm (45 base + studs)	1,50	
66 mm (43 base + studs)	-	1,25	-	-	-	
74 mm (51 base + studs)	-	1,50	-	-	-	

PACKAGING

TECKFLOOR	Thickness	m²/box	pieces/box	m²/pallet
	28 mm	17,92	16	125,44
	33 mm	15,68	14	109,76
	43 mm	11,20	10	78,40
	49 mm	8,96	8	62,72
	53 mm	8,96	8	62,72
	63 mm	6,72	6	47,04
	66 mm	6,72	6	47,04
	74 mm	5,60	5	39,20

TECKFLOOR NEO	Thickness	m²/box	pieces/box	m²/pallet
	33 mm	15,68	14	109,76
	43 mm	11,20	10	78,40
	46 mm	10,08	9	70,56
	53 mm	8,96	8	62,72
	61 mm	6,72	6	47,04
	68 mm	6,72	6	47,04
	-	-	-	-
	-	-	-	-