

Combitop



Diagonal-Tech



Properties	Combitop ND 11	Combitop 20-2	Combitop 30-2	Combitop 43-2
Board dimensions (length x width)	1,450 x 850 mm	1,450 x 850 mm	1,450 x 850 mm	1,450 x 850 mm
Effective board size	1,400 x 800 mm	1,400 x 800 mm	1,400 x 800 mm	1,400 x 800 mm
Effective board area	1.12 m ²	1.12 m ²	1.12 m ²	1.12 m ²
Laying grid (pipe spacing)	50 mm	50 mm	50 mm	50 mm
Nominal insulation thickness dL	11 mm	20 – 2 mm	30 – 2 mm	43 – 2 mm
Total thickness with pipe holder	31 mm	41 mm	51 mm	64 mm
Pipe diameter	15 – 17 mm	15 – 17 mm	15 – 17 mm	15 – 17 mm
Compressive stress at 10 % compression	150 kPa	–	–	–
Type of application per DIN 4108-10	DEO	DESsg	DESsg	DESsg
Designation per EN 13163	EPS 150	PST-TK 5000	PST-TK 5000	PST-TK 5000
Fire behaviour per EN 13501-1	E	E	E	E
Impact sound improvement	–	24 dB	28 dB	29 dB
Stiffness group per EN 13163	–	SD 40	SD 20	SD 15
Thermal conductivity (nominal value)	0.035 W/(mK)	0.040 W/(mK)	0.040 W/(mK)	0.040 W/(mK)
Thermal resistance	0.30 m ² K/W	0.50 m ² K/W	0.75 m ² K/W	1.05 m ² K/W
Heat distortion temperature	80° C	80° C	80° C	80° C
Max. load	45 kPa (4,500 kg/m ²)	5 kPa (500 kg/m ²)	5 kPa (500 kg/m ²)	5 kPa (500 kg/m ²)
Flexural strength	≥ 250 kPa	≥ 100 kPa	≥ 100 kPa	≥ 100 kPa
Standard film color	black	black	black	black
Quantity per box	10 boards = 11.2 m ²	8 boards = 8.96 m ²	6 boards = 6.72 m ²	5 boards = 5.6 m ²
Box size (L x W x H)	1,460 x 310 x 860 mm	1,460 x 310 x 860 mm	1,460 x 310 x 860 mm	1,460 x 310 x 860 mm