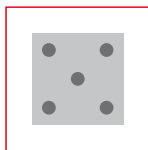


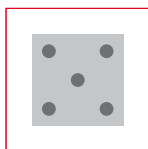
TECHNONICOL CARBON PROF

Extruded polystyrene TECHNOMICOL CARBON PROF is a high-performance material with increased compressive stress parameter that is widely used in buildings and constructions while arranging the thermal insulation of basements, roofs, floors and facades. Also used in the construction of railways and highways.



TECHNONICOL CARBON ECO

Extruded polystyrene TECHNOMICOL CARBON ECO is a high-performance material widely used in buildings and constructions while arranging the thermal insulation of basements, roofs, floors and facades. High resistibility allows receiving an equal and simultaneously rigid base.



PROPERTIES	TEST METHOD	TECHNONICOL CARBON PROF	TECHNONICOL CARBON ECO
Thermal conductivity λ_D at 10°C, W/m*K	EN 12667	0.034	0.034
Compressive stress at 10% deformation, kPa	EN 826	≥300	≥200
Long term water absorption by immersion, %	EN 12087	≤0.2	≤0.2
Reaction to fire - ignitability, Euroclass	EN ISO 11925-2	F	F
Density, kg/m ³	EN 1602	30-35	28-32
Length, mm	EN 822	1180-4000 (±15)	1180-4000 (±15)
Width, mm	EN 822	580-650 (±8)	580-650 (±8)
Thickness (increments 10 mm), mm	EN 823	50-100 (±3)	20-40 (±2)

THERMAL RESISTANCE R_D , m ² *K/W (EN 12667)								
THICKNESS, mm	20	30	40	50	60	70	80	100
TECHNONICOL CARBON PROF	-	-	-	1.471	1.765	2.059	2.353	2.941
TECHNONICOL CARBON ECO	0.558	0.882	1.176	-	-	-	-	-