

FIBRANgyps AXps

Product :

Composite panel consisting of FIBRANgyps A plasterboard thicknesses 9,5mm or 12,5mm with extruded polystyrene FIBRANxps in different thicknesses with multiple applications and insulating properties.

The panel FIBRANgyps AXps is CE marked according to EN 13950

Applications :

Suitable for thermal insulation in lining wall systems or renovation.

- **Dimension** 1200 x 3000 mm
- **Thermal conductivity (at 10°C)** $\lambda_d = 0,25$ W/m K FIBRANgyps
 $\lambda_d = 0,035$ W/m K FIBRANxps
- **Reaction to fire** B-s1,d0 according to EN 13501-1
- **Specific Heat Capacity** $c_p = 1,0$ kJ/ kg FIBRANgyps
 $c_p = 1,4$ kJ/ kg FIBRANxps
- **Flexural breaking load longitudinal direction** ≥ 400 N (9,5 mm); ≥ 550 N (12,5 mm)
- **Flexural breaking load transverse direction** ≥ 160 N (9,5 mm); ≥ 210 N (12,5 mm)
- **Water vapour resistance factor** $\mu = 10$ FIBRANgyps
 $\mu = 50$ FIBRANxps

Thickness plasterboard [mm]	Thickness xps [mm]	Weight [kg/sqm]	Thermal resistance	Boards per pile	Weight of pile [kg]	Quantity pile sqm
9,5 - 12,5	20	9,76 - 8,26	0,6	40 - 36	1189- 1265	144 - 129,6
9,5 - 12,5	30	10,04 - 8,54	0,85 - 0,9	30 - 28	922- 1012	108 - 100,8
9,5 - 12,5	40	10,32 - 8,82	1,15	24 - 22	762 - 817	86,4 - 79,2
12,5	50	10,60	1,45	18	687	64,8
12,5	60	10,88	1,75	16	627	57,6
12,5	70	11,16	2	14	562	50,4
12,5	80	11,44	2,4	13	535	46,8