

Ghonsla solutions outperform individual ceiling and current market insulation products

	Ghonsla solutions		Ceiling tiles		Insulation materials			Other materials			
	Fiberboard	Recycled PET	Gypsum	Thermopore	Thermopore	Spray Foam	PE Roll	Jumbolon	Mineral wool	Wood	Ply
Rs. Cost Installed	●●●●	●●●	●●●	●●	●●●	●●●●●	●●●	●●●●●	●●●●	●●●●●	●●●●
Material	Cellulose	Recycled PET fiber	Gypsum/plaster	Expanded polystyrene	Expanded polystyrene	Poly urethane spray	Poly-Ethylene	Extruded polystyrene	Rockwool/Glass wool	Diyar	MDF
Suitable Use	Existing & New building	Existing & New building	Existing & New building	Existing & New building	New building	Existing & new (concrete)	Existing metal roof	New building	Existing & New metal roof	Existing & New building	Existing & New building
Advertised Thermal Resistance*	0.38-0.49 m ² .K/W	0.54 m ² .K/W	0.13 m ² .K/W	0.45 m ² .K/W	0.56 m ² .K/W	0.83 m ² .K/W	0.63 m ² .K/W	0.63 m ² .K/W	0.56 m ² .K/W	0.35 m ² .K/W	0.18 m ² .K/W
Thermal Diffusivity	4 cm ² /hr	15 cm ² /hr	12 cm ² /hr	26 cm ² /hr	26 cm ² /hr	26 cm ² /hr	26 cm ² /hr	26 cm ² /hr	50 cm ² /hr	3 cm ² /hr	4 cm ² /hr
***Summer temp. diff.	-8.8 °C (day) -0.3 °C (eve)	N/A	-6.6 °C (day) +2.5 °C (eve)	-6.6 °C (day) +1.6 °C (eve)	-6.5 °C (day) +2.1 °C (eve)	-6.3 °C (day) +0.6 °C (eve)	N/A	-8.8 °C (day) 0 °C (eve)	N/A	N/A	N/A
Installation materials	Using ceiling grid & gyp. tile	Using grid & gyp. tile/board	Using ceiling grid	Using ceiling grid	Between cavity wall or on top of roof	Sprayed on top of roof, exposed to environ.	Between cavity or attic space	Between cavity wall or on top of roof with 2" mud/concrete, tiling	Between cavity or attic space	Using wooden frame	Using wooden frame
Installed weight	2.1 lb/ft ²	1.1 lb/ft ²	1 lb/ft ²	0.6 lb/ft ²	40 lb/ft ²	0.4 lb/ft ²	0.5 lb/ft ²	28 lb/ft ²	0.5 lb/ft ²	8 lb/ft ²	10 lb/ft ²
Installation time	hours	hours	hours	hours	days	hours	days	days	hours	weeks	hours
Customer service											
Ecological											