

DENSITY TABLE - Ekovilla loose fiber cellulose insulation

Target densities by structure type for Ekovilla loose fiber insulation product.

Density kg/m³

Thickness, mm Structure	< 160	160-220	220-280	280-340	340-400	> 400
Open blown spaces attics*	27	28	30	31	32	33
Horizontal cavities roofs, floors	42	43	44	45	45	45
Pitched cavities < 60° roofs	43	43	45	45	46	47
Pitched cavities > 60° roofs	45	46	47	48	49	50
Vertical cavities walls	55	58	60	63	65	65

*Settlement 10 % up to 250 mm and 15 % over 250 mm has been considered in the density.

In case of subsequent transportation of the structure, increase density by 8–10 % (max. 65 kg/m³)

- The density table applies to the desired installation density for Ekovilla dry-installed loose fiber cellulose insulation product.
- The installation is intended to be performed with a blowing machine designed for blowing loose fiber insulation materials.
- The final density may differ from the table due to the blowing machine, the installation style and/or the structure to be insulated.
- The table values are based on the data collected by the manufacturer on the actual installation densities.
- Densities higher than the table value are acceptable. Lower values are acceptable in open blown attics. In closed cavities, densities lower than the table value should be examined case-by-case.