



Architectural Specification:

Various colour thick polyester blanket type insulation SABS 2020.7601-1,
Generally residential application or used as a bulk insulation to an aluminium foil type insulation.
Laid between trusses on top of battens and preferably under ceiling pipes and cables if possible.
May also be installed above ceiling boards.

Details & Results:

Thermal conductivity test in according to SABS ASTM C518 and T0178-WI-003
Average temperature gradient specimen in 299 C/m.
Heatflux direction tested – Downwards

SANS 10400xa Energy Efficiency in Buildings Compliant

Products	Width	Length	Coverage	Density/m3	"r" value
Thermo 50	1.2m	10m	12m2	15kg	1.06
Thermo 75	1.2m	8m	9.6m2	15kg	1.70
Thermo 100*	1.2m	6m	7.2m2	15kg	2.12
Thermo 135*	1.2m	5m	6m2	15kg	3.19
Thermo 145*	1.2m	5m	6m2	15kg	3.37
Thermo 160*	1.2m	4m	4.8m2	15kg	3.40

*Specially made on request to the required specification.

The reported uncertainties of measurement of +/- 10% is based on a standard uncertainty multiplied by a coverage factor k=2, providing level of confidence of approximately 95%, the uncertainty of measurement has been estimated in accordance with the principles defined in – The GUM, Guide to Uncertainty of Measurement, ISO, Geneva, 1st edition, 1993.

Assessment of Uncertainties of measurement for calibration and test laboratories.

EAL-R2, Expression of Uncertainties of Measure in calibration, European co-operation for Accreditation, 1999.

Fire Properties:

Tested to SANS 428 using SANS 10177 - Part 5, Part 9 and Part 10 and awarded a B/ B1/ 2.

No flaming was noted during the entire test and was given a B (Combustible) rating. The product is suitable for use as insulation above any non-combustible ceiling installation.

Quality Management System:

Piccolo 222 Group (Pty) LTD products are manufactured according to the ISO9001:2008 Quality Management System.

BBBEE:

Level 4

Transportation & Care:

To ensure that Thermo-Solution Products remain in pristine condition, the rolls must be transported in a suitable truck whereby the packaging is not damaged. They should be stored under cover to protect them from direct sun or rain. Rolls should be stacked on their sides on top of each other. Piccolo 222 Group Pty LTD cannot accept any claim for replacement for material if the above instructions are not adhered to.

