

Thermal insulation in accordance with DIN 52 612

Institut für Schall- und Wärmeschutz
(Institute for sound and thermal insulation)
Prof. Dr. Dr. Zeller

	thermal transmission coefficient
1. Roller shutter ISO-Plus 1,25 mm aluminium AlMg2Mn 0,8 G 22 with polystyrene hard foam filling	2,74 W/m² K
2. Roller shutter ISO-Plus 1,00 mm aluminium AlMg2Mn 0,8 G 22 with polystyrene hard foam filling	2,77 W/m² K

Forschungsinstitut für Wärmeschutz e. V. Münschen
Dr.-Ing. J. Achtziger und Dipl.-Ing. H. Zehender

	thermal transmission coefficient
1. Roller shutter ISO-Plus 1,00 steel, galvanised, plastic coil coated on one side, with polystyrene foam	2,4 W/m² K
2. Roller shutter 1.D06 0,60 mm aluminium AlMg2Mn 0,8 G 22, with polystyrene foam filling	4,3 W/m² K
3. Roller shutter 1.100 D 1,00 mm aluminium AlMg2Mn 0,8 G 22 with windows	4,4 W/m² K

Thermal insulation in accordance with DIN EN 13241- 1, Anhang B

TÜV NORD CERT GmbH, Essen

	thermal transmission coefficient
1. Roller shutter 1.95 R 0,40 mm steel, galvanised, with polystyrene foam filling	3,47 W/m² K

We have the original certificates.