

# Thermally insulated door „Teckentrup DF“ iso+ dw 62-1

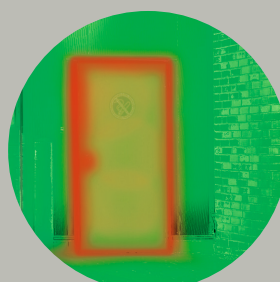


$$U_D = 0.83$$

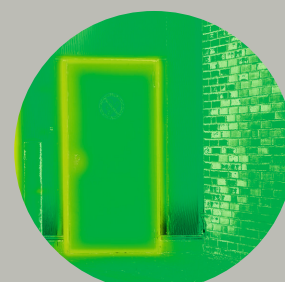
The new iso+ is suitable as an external door for any energy modernisation methods within the private and commercial sector, but also as part of plans for new buildings according to the most recent version of the federal German government's energy efficiency guidelines. In comparison to conventional multi-purpose doors it improves thermal insulation by up to 40%.

Thanks to additional sound insulation (max. 38 dB) the door manages to achieve an outstanding  $U_D$  value of 1.0 W/(m<sup>2</sup>k). iso+ is optionally available in a burglar-resistant RC 2 version.

The new thermally insulated steel sheet door sets new benchmarks in thermal insulation and actively cuts energy costs. The door fulfils the specifications of DIN EN 14351-1 and it is labelled with a CE mark as per building product guidelines for external doors.



BEFORE



AFTER





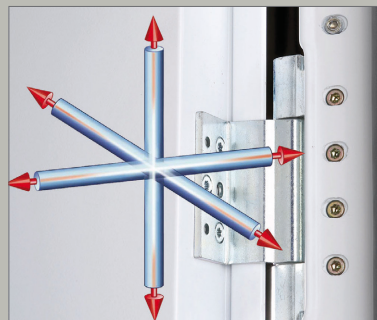
## TECHNICAL DETAILS

DOOR:	"Teckentrup DF" iso+ dw 62-1 door Thermal insulation value verified as per EN ISO 12567-1: $U_0 = 0.83 \text{ W/(m}^2\cdot\text{K)}^*$ or $U_0 = 0.89 \text{ W/(m}^2\cdot\text{K)}^{**}$	
DIMENSIONS:	From 625 x 1750 bis 1250 x 2350 mm	
INSTALLATION IN:	Masonry Concrete Autoclaved aerated concrete walls Lightweight partition walls	
DOOR LEAF:	Hinge and opposite hinge side thermally insulated, double-skinned, rebated on 3 sides, thick rebate, Door leaf thickness: 62 mm, sheet thickness: *0.75 or **1.0 mm A minimum of 1 security bolt, with retractable floor seal and galvanised 3D hinges	
SURFACE:	Door leaf/frame galvanised and powder-coated primed, similar to RAL 9002 (grey white)	
SPECIAL EQUIPMENT:	Lever handle sets/change sets:	
	· Plastic	•
	· Light metal	•
	· Stainless steel	•
	· Short plate or escutcheon (various makes)	•
	· Prepared for escutcheon hardware	•
	Locks:	
	· Profile cylinder 45.5 + 35.5 mm	•
	· Anti-panic locks	•
	· With triple lock	•
	Top door closer as per DIN EN 1154	•
	Aluminium rain guard	•
FRAME:	Frame with thermal insulation, corner frame thickness 1.5 mm, with seal on three sides and bottom floor bracket, frame attached using screws. Three screws per side. Special equipment: with counter frame	



## ADDITIONAL SECURITY.

One or more steel security bolts also engage with the frame to prevent the door from being forced open.



## DETAILED ADJUSTMENT USING 3D HINGES

The flexible function of the galvanised 3D hinges allows retrospective adjustment in three directions. This enables problem-free compensation of small tolerances.