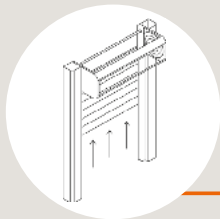


Spiral ISO 50

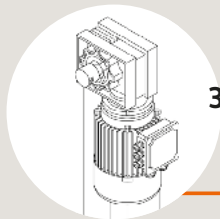
Top-of-the-range door among the fastest insulating roller shutters. It guarantees the best performance in terms of speed, safety and insulation, with impeccable aesthetics; suitable for both indoor and outdoor use.



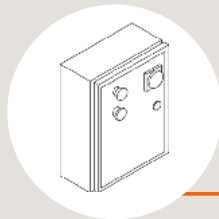
Thermicroll



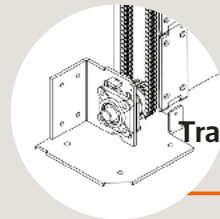
Opening speed up to 1,5 m/s



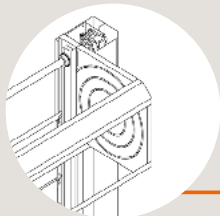
3.000.000 cycles



Inverter Control Panel



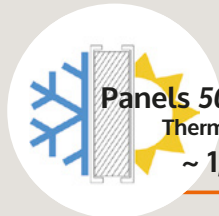
Chain Transmission
Push - Pull



Spiral Wrap



Frictionless between Panels



Panels 50mm thick
Thermal insulation
~ 1,5 W/m2K

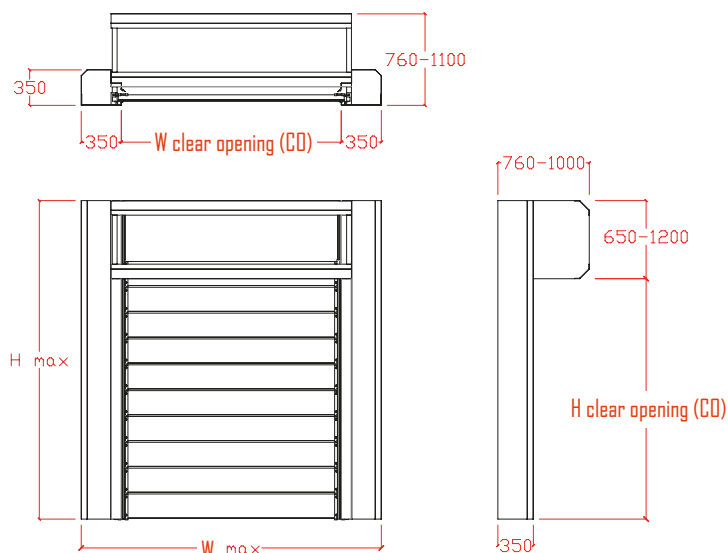


Wind resistance
Up to class 4

PARAMETERS	TECHNICAL OPERATIONAL DETAILS	
APPLICATION	Internal and external	
MAX DIMENSION *	W 7000 mm, H 6000 mm (for bigger dimension / special project, please, contact Thermicroll Technical dept.)	
OPENING SPEED *	Up to 1,5 m/s	
CLOSING SPEED *	Up to 0,5 m/s	
THERMAL CONDUCTIVITY *	~ U = 1,5 W/m ² K	
ACOUSTICS *	22 Db	
WIND RESISTANCE *	Class: 2 - 4	
STRUCTURE	Standard: Galvanised steel	Optional: Steel powder-coated in RAL
DOOR BLADE 50MM	Standard: INSULATED: pre-painted aluminum RAL similar RAL 9006	Optional: INSULATION: powder coated aluminum in RAL pre-painted steel RAL 9006 powder coated steel in RAL EXTRUDED (transparent laths/airflow): aluminium OX powder coated aluminum in RAL
SPIRAL - GUIDES	PATENTED, in high density polyethylene PEHD 500000	
OPERATION	Duplex chain push- pull	
TOP COVER	Standard: (Mandatory) clear H < 2500 mm	Optional: clear H ≥ 2500 mm
CONTROL PANEL	Inverter	
POWER SUPPLY	Standard: Three-phase 400 V + N +T (16 A)	Optional: Single-phase 230 V (10 A)
FREQUENCY	50/60 Hz	
LIMIT SWITCH	Absolute Encoder	
GEAR MOTOR	Motorised asynchronous with 110 V electric brake for intensive high-frequency use	
MANUAL OPERATION IN CASE OF POWER FAILURE *	Standard: Single chain winch	Optional: Single Crank on Motor (at height)
SAFETY DEVICES	Light curtain barrier	
DURABILITY	3,000,000 cycles with periodic maintenance	

* on the door blade, installed accessories and door dimensions.

Dimensions *



Coating finishes range

● simil RAL 9006

● PAINT RAL

Thermicroll Srl reserves the right to make any changes it deems appropriate without notice. This data sheet does not constitute a contractual obligation.