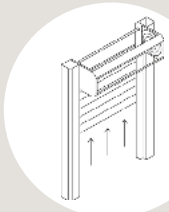
# *Spiral ISO 50* *SMART GIANT*

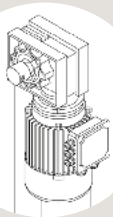
Top of the range door among the insulated roll-up and sectional doors. It guarantees the best performance in terms of insulation, life span and service, with the most impeccable aesthetics.



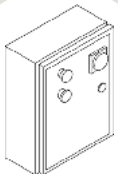
THERMICROLL



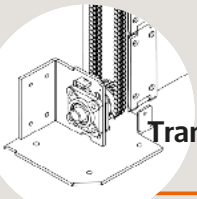
**Opening speed up to 0.3 m/s**



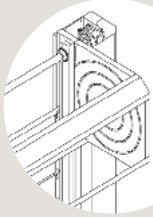
**3.000.000 cycles**



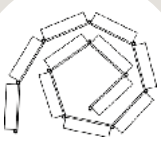
**Control panel 400V + N + G**



**Chain Transmission**
Push - Pull



**Spiral rolling system**



**Frictionless between Panels**



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



**Wind resistance**
up to class 3

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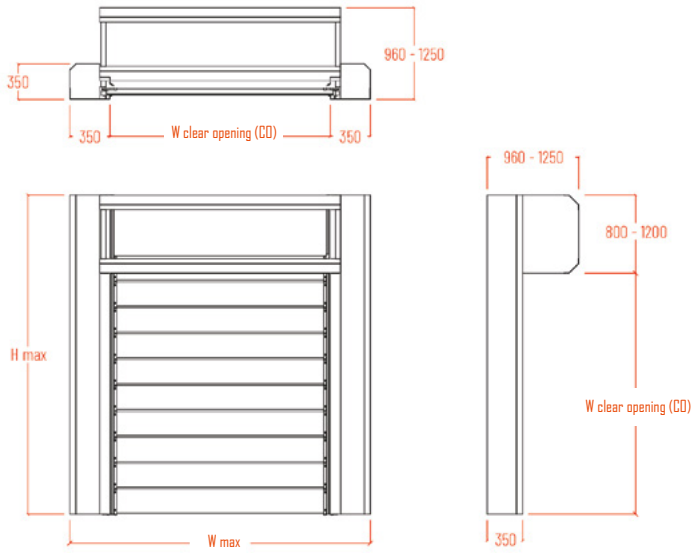
| PARAMETERS | TECHNICAL OPERATIONAL DETAILS | |
|---|---|---|
| APPLICATION | Internal / External | |
| MINIMUM DIMENSION * | W 6000 mm, H 2000 mm | |
| MAX DIMENSION * | W 8000 mm, H 6000 mm (for bigger dimension / special project, please, contact Thermicroll Technical dept.) | |
| OPENING SPEED * | Up to 0,3 m/s | |
| CLOSING SPEED | Up to 0,3 m/s | |
| THERMAL TRANSMITTANCE * | ~ U = 1,5 W/m2K | |
| ACOUSTICS * | 22 Db | |
| WIND RESISTANCE * | Class: 2 - 3 | |
| STRUCTURE | **Standard:**<br>Galvanised steel | **Optional:**<br>Steel powder coated in RAL |
| DOOR BLADE 50 MM | **Standard:**<br>**INSULATED:**<br>pre-painted aluminum RAL similar RAL 9006 | **Optional:**<br>**INSULATED:**<br>powder coated aluminum in RAL<br>pre-painted steel RAL 9006<br>powder coated steel in RAL<br>**EXTRUDED** (transparent laths/airflow):<br>aluminum OX<br>powder coated aluminum in RAL |
| SPIRAL - GUIDES | PATENTED, in high density polyethylene PEHD 500000 | |
| OPERATION | Duplex chain Push- Pull | |
| TOP COVER | **Standard:**<br>(Mandatory) clear H < 2500 mm | **Optional:**<br>Clear H ≥ 2500 mm |
| CONTROL PANEL | **Standard:**<br>Automatic | **Optional:**<br>Death man function |
| POWER SUPPLY | **Standard:**<br>Three phase 400 V + N + G (16 A) | |
| FREQUENCY | 50/60 Hz | |
| LIMIT SWITCH | Absolute encoder | |
| GEAR MOTOR | Double motorised asynchronous with 110 V electric brake for intensive high-frequency use | |
| MANUAL OPERATION IN CASE OF POWER FAILURE * | Double chain winch | |
| SAFETY DEVICES | Light curtain barrier with automatic control panel | |
| DURABILITY | 3,000,000 cycles with periodic maintenance | |

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

## Coating finishes range

- simil RAL 9006
- PAINT RAL

## Dimensions *




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