

**Thermicroll**

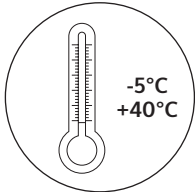
# Spiral 80

## SPECIAL APPLICATIONS

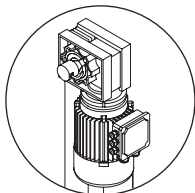
Roller door developed with the specific characteristic of maintaining a high insulation. It ensures good acoustic insulation. Suitable for special applications.



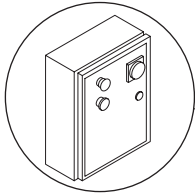
Operating temperature



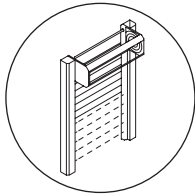
Encoder



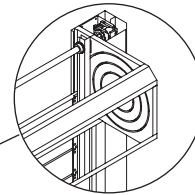
Control panel



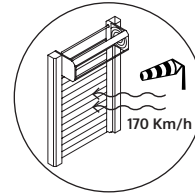
Easy opening



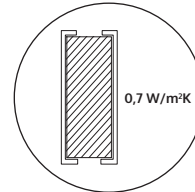
Spiral wrap



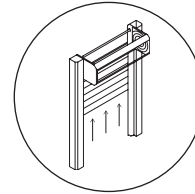
Wind resistance



thermal insulation



Opening speed up to 1,5 m/s



**COLOR RANGE**

- RAL 9010 SIMIL
- RAL 1013 SIMIL
- RAL 3000 SIMIL
- RAL 3003 SIMIL
- RAL 5010 SIMIL
- RAL 7001 SIMIL
- RAL 7016 SIMIL
- RAL 9005 SIMIL
- RAL 9006 SIMIL

**APPLICATION FIELDS**

GDO	INDUSTRY	LOGISTIC	REFRIGERATION	GARAGE	AIRPORTS	PORTS	GENERAL USE
😊	😊	😊	😞	😊			😊

PARAMETERS	TECHNICAL AND OPERATING SPECIFICATIONS	
APPLICATION	Inside and outside	
MAX CLEAR DIMENSIONS	4000 x 4000 mm	
OPENING SPEED	Up to 1,5 m/s (depending on the size)	
CLOSING SPEED	~ 0,5 m/s	
K THERMIC	U = 0,7 W/m²K (depending on the size)	
ACUSTIC	25 Db	
WATER PERMEABILITY	Class 3	
WIND PERMEABILITY	Class 3	
OPERATING TEMPERATURE	-5°C +40°C	
WIND RESISTANCE L/H 3000 x 3000 mm L/H 4000 x 4000 mm	<b>CLASS</b> 4 3	
STRUCTURE	<b>STANDARD</b> Galvanized steel	<b>OPTIONAL</b> Epoxy powder painted steel RAL / inox steel 304
CURTAIN THICKNESS 80 mm	<b>STANDARD</b> <b>OUTSIDE / INSIDE:</b> alluminium	<b>OPTIONAL</b> <b>OUTSIDE/INSIDE:</b> Epoxy powder painted steel RAL / inox steel 304
SPIRAL WRAP	Patented, in high density polyethylene PEHD 500	
GUIDES	Patented, in high density polyethylene PEHD 500	
CONTROL PANEL	Inverter 380 V with microprocessor	
POWER SUPPLY	400 V	
FREQUENCY	50/60 Hz	
LIMIT SWITCH	Encoder	
GEAR BOX / ENGINE	Asynconus motorized with electric brake 110 V for intensive use high frequency	
EMERGENCY OPENING	<b>STANDARD</b> Manual crank release / counterweight	<b>OPTIONAL</b> Manual chain release
SAFETY EDGE (EN 13241)	<b>STANDARD</b> Integrated in photocells barriers	<b>OPTIONAL</b> Anti-crushing sensor
WIRING	Waterproof IP 69 plug and play	
PHOTOCELLS	With 22 ractive rays up to an height of 2500 mm	
DURABILITY	3,000,000 open/close cycles with standard maintenance every 6 months or every 150.000 cycles	

## DIMENSIONS

