Spiral 80 SPECIAL APPLICATIONS

High-speed roll-up door designed specifically to keep the insulation high. It also guarantees good acoustic insulation. Suitable for special applications.





Opening speed up to 2 m/s





Inverter Control Panel





Spiral Wrap







PARAMETERS	TECHNICAL OPERATIONAL DETAILS	
APPLICATION	Indoor and outdoor	
MAX DIMENSION **	W 5000 mm, H 5000 mm (max. dimensions not combinable)	
OPENING SPEED *	Up to 2 m/s	
CLOSING SPEED *	~ 0,5 m/s	
THERMAL CONDUCTIVITY *	~ U = 1,0 W/m ₂ K	
ACOUSTICS *	22 Db	
WIND RESISTANCE *	Class: 0 - 4	
STRUCTURE	Standard: Galvanised steel	Optional: Steel powder-coated in RAL Stainless steel AISI 304
COATING THICKNESS 80 MM	Standard: INSULATION: • aluminium OX 15um • steel pre-painted in RAL STD (close to 9006, 1013, 3000, 5010, 7016, 7035, 9002, 9010, 9016)	Optional: INSULATION: • steel powder-coated in RAL • stainless steel AISI 304 • stainless steel AISI 316
SPIRAL - GUIDES	Patented, in high density polyethylene HDPE 500	
OPERATION	Duplex chain	
TOP COVER	Standard: (Mandatory) useful_H < 2500 mm	Optional: Useful_H >= 2500 mm
CONTROL PANEL	Inverter	
POWER SUPPLY	Standard: Three-phase 400 V + N	Optional: Single-phase 230 V
FREQUENCY	50/60 Hz	
LIMIT SWITCH	Absolute Encoder	
GEARED MOTOR	Motorised asynchronous with 110 V electric brake for intensive high-frequency use	
MANUAL OPERATION IN CASE OF POWER FAILURE *	Opening with crank (counterweight) / Chain winch	
SAFETY DEVICES	Photocell barrier	
DURABILITY	3,000,000 opening and closing cycles with periodic maintenance	

- * depending on the cladding, the place of the cladding and the dimensions of the door, subject to technical modifications without prior notice.
- ** for larger sizes / special uses contact the Thermicroll technical office.

Coating finishes range

simil RAL 9006

simil RAL 9002

simil RAL 1013

simil RAL 9010

simil RAL 3000

simil RAL 9016

simil RAL 5010

ALUMINIUM

simil RAL 7016

simil RAL 7035

RAL PAINTING

INOX

