

# Front Doors RD40





"Ryterna Entry" is a part of the "Ryterna Group" who have been manufacturing doors since 1993. With authorised dealers all over Europe and our own transport fleet we can provide the shortest possible lead times. "Ryterna" entrance doors are manufactured in a new efficient factory located in Kaunas, Lithuania. Sustainability in manufacture combined with the thermal performance of our products is central to our growth philosophy. We constantly seek for morally responsible and environmentally cleaner ways to improve in all areas of business.

www.ryternaentry.com www.ryternaentry.doorconfigurator.com





- Doors are made to measure:
  - STD:
     890 x 1990
     On request:
     Width 700 ÷ 1150

     890 x 2090
     Height 1700 ÷ 2250
     990 x 1990

     990 x 2090
     990 x 2090
     Height 1700 ÷ 2250
- Double galvanized steel skin filled with PU foam door leaf
- Double sealing
- Tested at 200 000 open-close cycles

Thermal transmittance U value I.3 W/m²K\*
2
4A
3
C

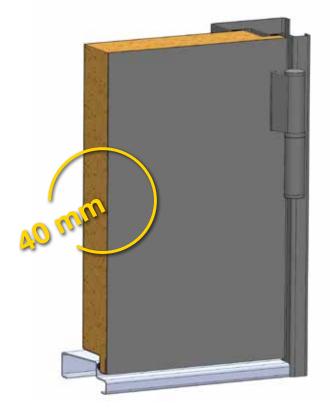
Water tightness

Air permeability

Resistance to wind load, test pressure

Resistance to wind load, frame deflection

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	Notified Body number: 2018	NGP /	and the second sec
		BANDALI DATEALINES	
CAL	CULATION REPORT No. Date: 01 of July 202		page (pages)
			1 (12)
		thermal transmittance of door (test title)	
Calculation methods:	of thermal transmittance - Part Thermal performance of windo Part 2: Numerical method for 6	ermal performance of windows, doors an 1: General (ISO 10077-1:2017) and LST ows, doors and shutters – Calculation of farmes (ISO 10077-2:2017) or calculation method, description of calculation pe	EN ISO 10077-2:2017 thermal transmittance -
Specimen description:	External steel door. System width 900 mm. Frame. 1,5 mm steel shee	n: RD 40 Ryterna Entry. Measu et. Frame is insulated with PU spray mounting foam "Makrof	"Elastopor H1241/43-B".
	14 Frame fixing plates made the entire perimeter of the fra	of 3 mm thick 75 mm wide galvar me. e door leaf is made of 1,0 mm ste	nized steel are used around
	Gaskets: 2 contours with D-p Opening outwards.		
	PVC lock box.		
		ion and identification details of a specimen)	
Customer:	(name, descript UAB "RYTERNA ENTRY", R	yternos g. 4, Biruliškių km., LT-5446	9 Kauno raj.
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All doors are factory framed. Prices are for full door-sets. All dimensions are specified for overall frame sizes. Depicted images are for illustration only. Actual product may vary due to constant enhancement. Ryterna reserves right to change specifications at any time and without prior warning.



# RD40 standard structure RAL colours





RAL 5010 STR

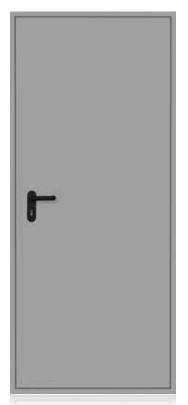


RAL 9002 STR



Structure painting (STR)

RAL 7016 STR



RAL 9006 STR



RAL 8017 STR



RAL 9016 STR





• Entrance doors are made of 1 mm galvanized steel skin filled with PU that forms firm and durable construction.



### **Door Leaf Structure**

- 1 Polyurethane foam
- 2 Cold rolled steel
- **3** Hot dip galvanisation
- 4 Chemical treatment

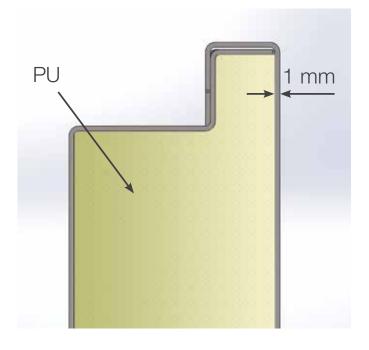
U-value up to 1,3 W/M<sup>2</sup>K

**5** Powder paint

6 STD RAL STRUCTURE colours.
Painting available upon request.
Only structure painting.



• Corrosian protected 1 mm skins linked together, with 40mm PU insulation and forms solid "sandwich panel".

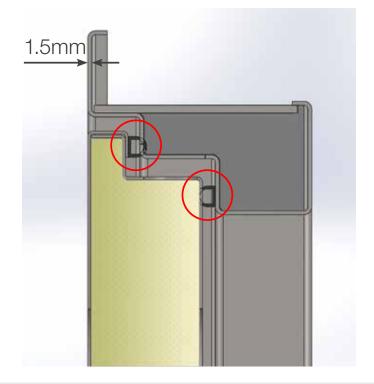


Features



• Double sealing around all the perimeter provides excellent thermal insulation and water resistance.

Door frame made of 1.5 mm thickness galvanized steel

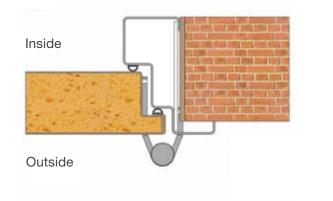


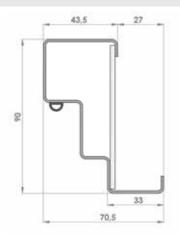
• 3 pcs, adjustable hinges with bearing ensure long – life, smooth and quiet operation.



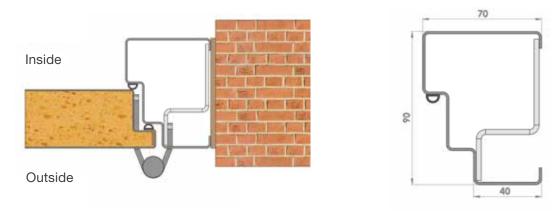


### MITRED FRAME WITH MOULDINGS, OPEN TO OUTSIDE (MO)

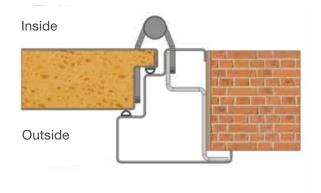


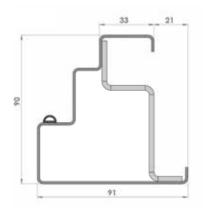


### MITRED FRAME, OPEN TO OUTSIDE (LO)

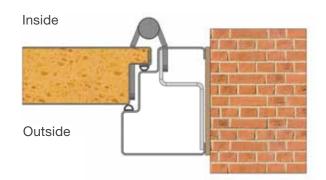


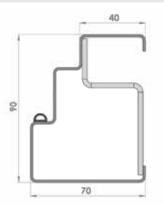
### MITRED FRAME WITH MOULDINGS, OPEN TO INSIDE (MI)





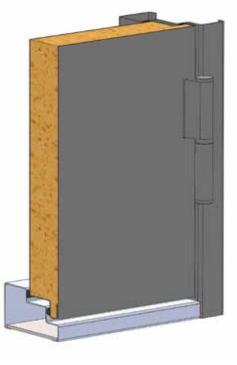
### MITRED FRAME, OPEN TO INSIDE (LI)



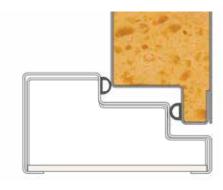


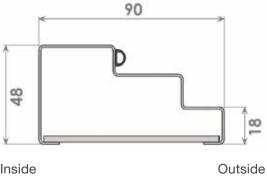


### DOUBLE SEALING THRESHOLD, OPEN TO OUTSIDE (OD)



MO-OD



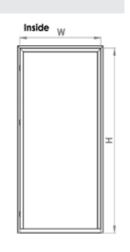


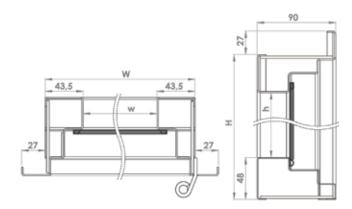
Inside

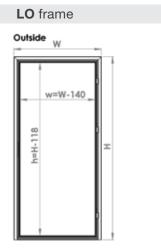


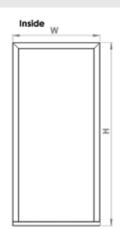
### MO frame

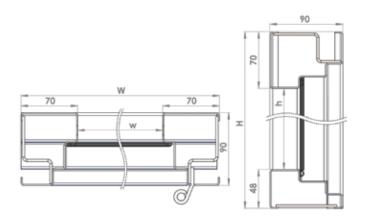






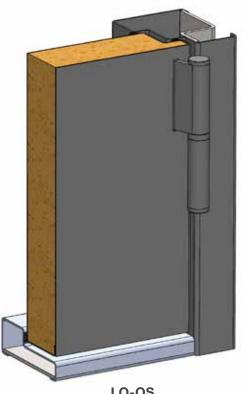


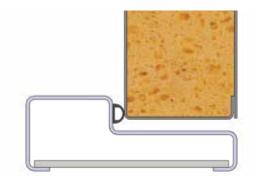


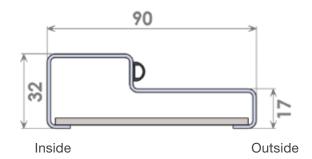




SINGLE SEALING THRESHOLD, OPEN TO OUTSIDE (OS)

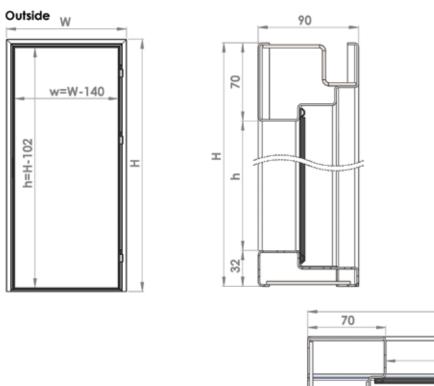


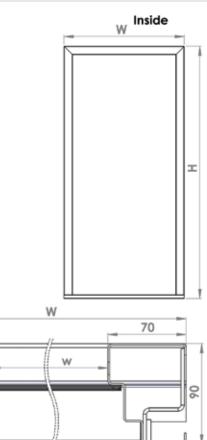




LO-OS

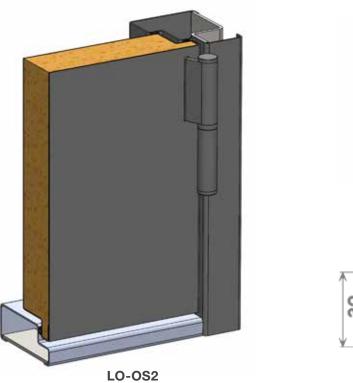


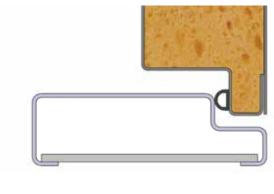


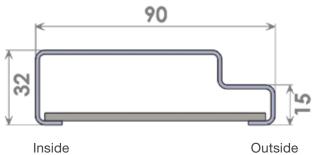




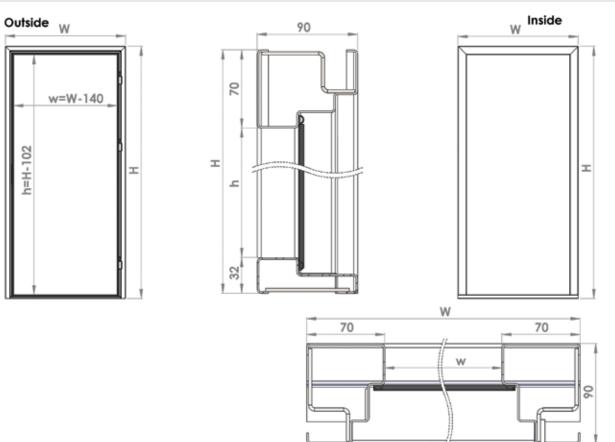
SINGLE SEALING THRESHOLD, OPEN TO OUTSIDE (OS2)





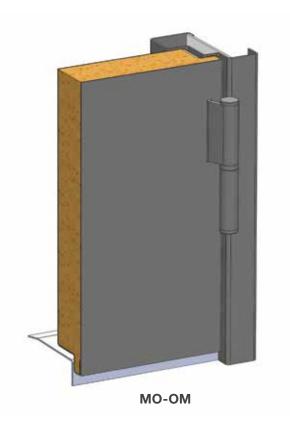


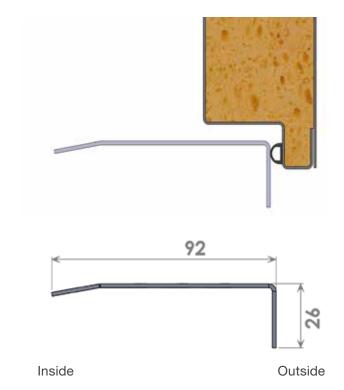
### **OFS & DAYLIGHT OPENING**



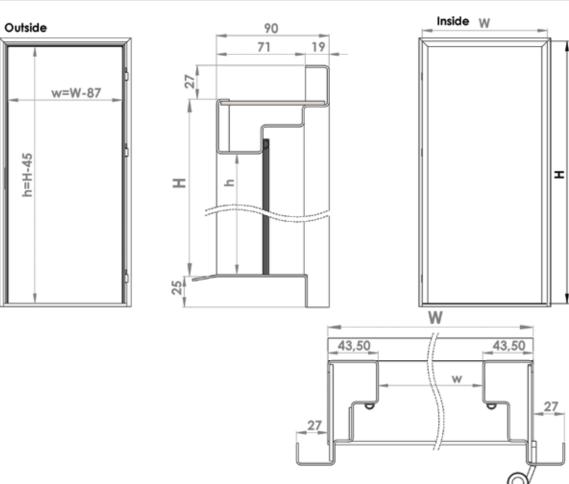


MITRED FRAME WITH MOULDINGS, OPEN TO OUTSIDE (OM)



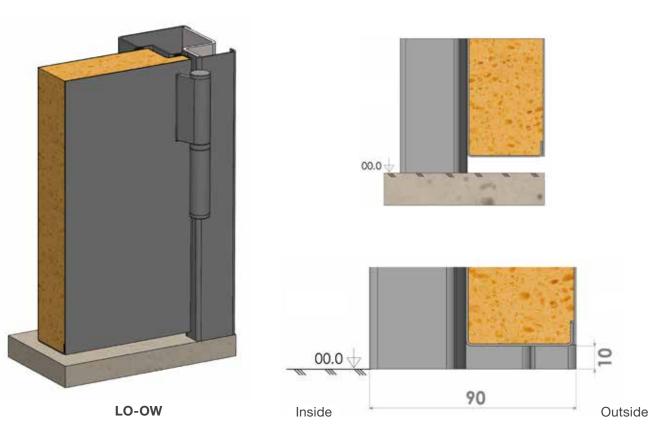


OFS & DAYLIGHT OPENING



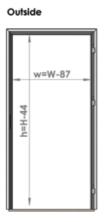


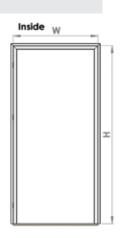
### WITHOUT THRESHOLD, OPEN TO OUTSIDE (OW)

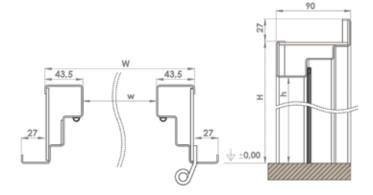


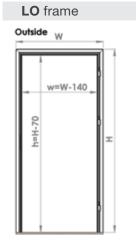


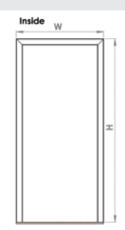


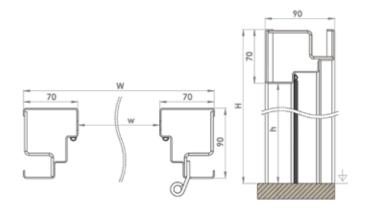






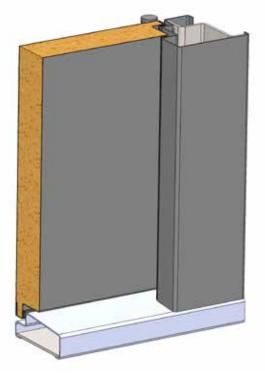


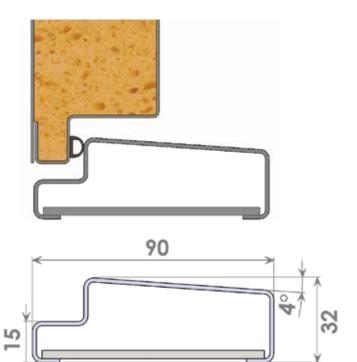






SINGLE SEALING ANGLED THRESHOLD, OPEN TO INSIDE (IS)



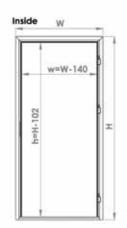


LI-IS

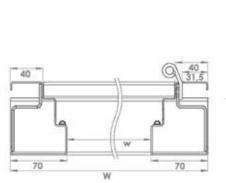


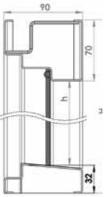
Inside





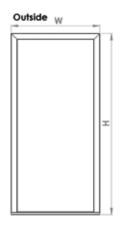
Outside

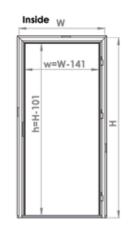


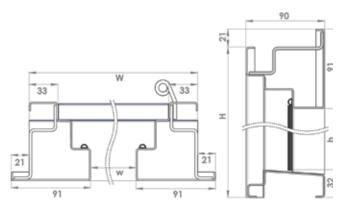


### OFS & DAYLIGHT OPENING

### MI frame

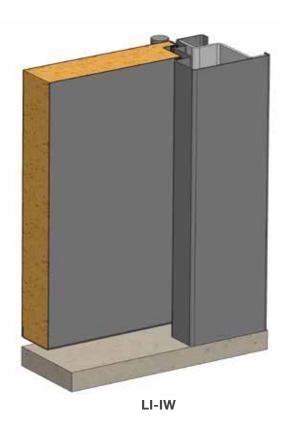


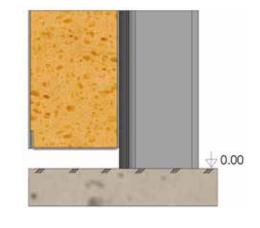


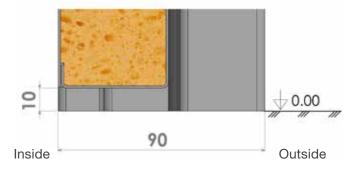




### WITHOUT THRESHOLD, OPEN TO INSIDE (IW)

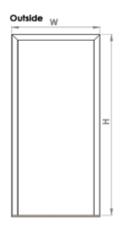


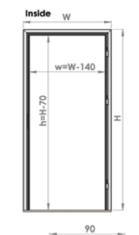


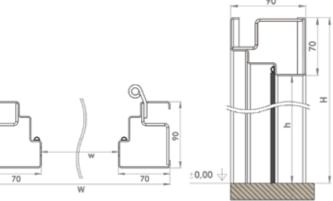


**OFS & DAYLIGHT OPENING** 

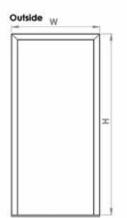
### MI frame

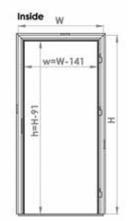


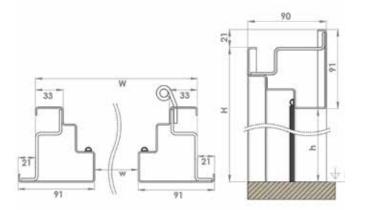




LI frame

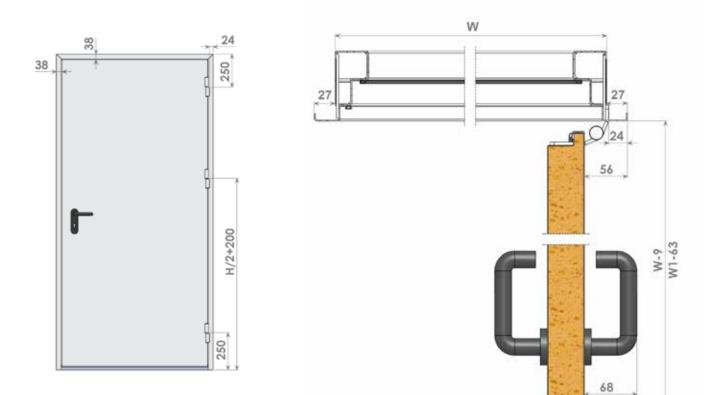






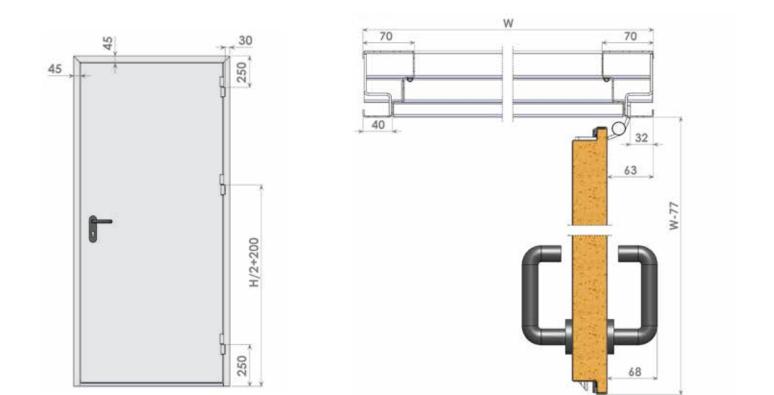


MO OPEN LEAF 90°



H

LO OPEN LEAF 90°



Accessories



### LOCKS AND HANDLES





**BL** Black lever handle STD



**GR** Grey lever handle STD



Stainless steel lever handle

SSK Stainless steel

knob handle



CWD Lock cylinder STD









565 Lock



AS Lever handle

CWE Lock cylinder



**CWF** Lock cylinder





**HL** White **HK** White knob handle lever handle



HLA Aluminium lever handle



C3P Multi-point lock





RD40 FRONT DOORS 17



### GLAZING



**S200** Square glazing 200x200 mm

### ACCESSORIES



**\$350** Square glazing 350x350 mm



S100 Rectangular glazing 100x700 mm



**\$500** Rectangular glazing 500x700 mm



Ventilation grille



Spyhole



Door closer



PL201 Padlock staple



**KP1** Keypad



