

## GENERAL DESCRIPTION

Product with excellent thermal insulation that promotes energy savings especially between rooms of varying temperatures.

## TESTED

Thermal transmission values calculated in accordance with ISO 10077-1 and 10077-2.

CONSTRUCTIVE SOLUTION	JAMB THICKNESS	RESULT
Portaro® Thermal	20	$U_D=1,20W/(m^2 \cdot ^\circ C)$
	28	$U_D=1,21W/(m^2 \cdot ^\circ C)$

## DOOR

Rails and stiles in softwood, reinforced with engineered wood which ensures greater product stability, vertical edge banded.

Interior with low weight thermal insulator (EPS).

Facing in MDF, features according to standard EN 13986.

40mm thick.

## FRAME

Jamb in plywood or MDF, features according to EN 13986.

Fixed and adjustable architrave in plywood or MDF.

Compression seal.

## FINISHES

Dekordor® 3D - embossed finish design vertical and horizontal.

Dekordor® HD - hard wearing laminate.

Dekordor® SD - decorative foil.

Lacdor - Lacquered finish with approximate RAL colour.

## IRONMONGERY & OTHERS

Key lock.

3" stainless steel lift of hinge

## OPTIONS

Bathlock

Magnetic lock.

Euro sash lock

Concealed hinges

Automatic drop seal

## INSTALLATION

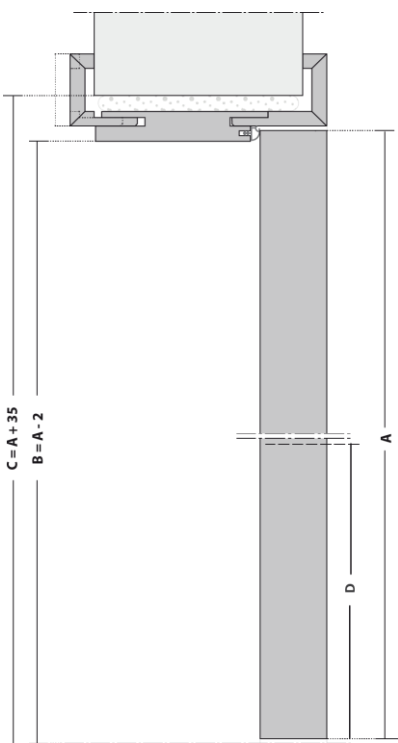
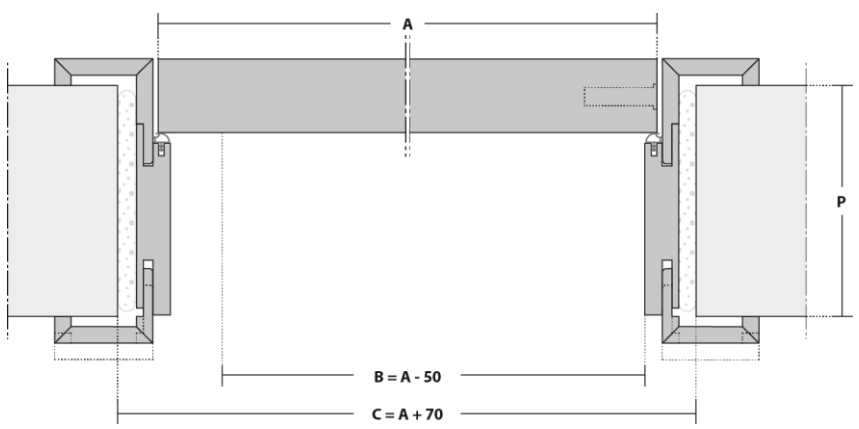
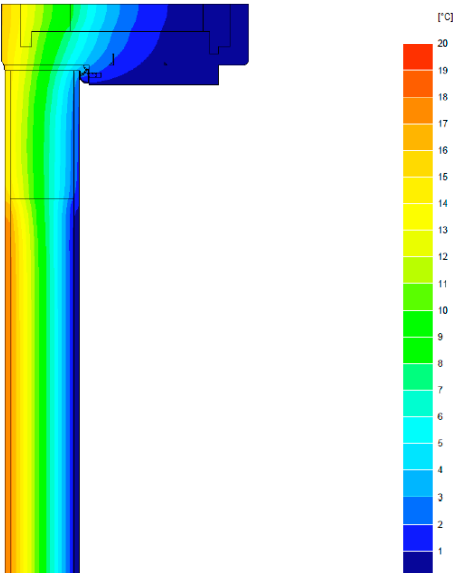
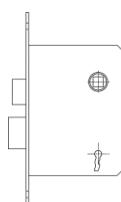
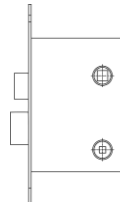
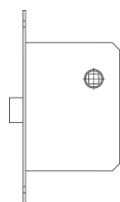
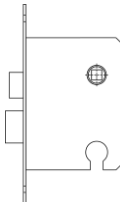
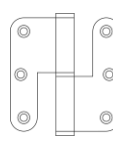
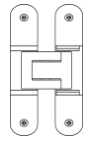
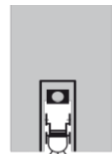

Maintains all Portaro® requirements, being only necessary to apply adhesive foam on the entire perimeter of the frame.



THERMAL  
INSULATION



Notes: Depending on product features or configurations, dimensions will vary. As we are constantly improving our product range, we reserve the right to make changes without prior notice. The guarantee certificate is an integral part of the technical data sheet, available at [www.vicaima.com](http://www.vicaima.com).

<p><b>VERTICAL CUT</b></p>  <p> <math>C = A + 35</math>  <math>B = A - 2</math> </p>	<p><b>HORIZONTAL CUT</b></p>  <p> <math>B = A - 50</math>  <math>C = A + 70</math> </p> <p><b>KEY</b></p> <p> <b>A</b> - Door width / height  <b>B</b> - Effective clear  <b>C</b> - Structural opening  <b>D</b> - Handle center height  <b>P</b> - Wall thickness         </p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">D - HANDLE HEIGHT (mm)</th> <th rowspan="2">DOOR THICKNESS (mm)</th> <th colspan="3">P - WALL THICKNESS / FRAME ADJUSTMENT (mm)</th> </tr> <tr> <th>&lt; 100</th> <th>≥ 100 ≤ 110</th> <th>≥ 100</th> </tr> </thead> <tbody> <tr> <td>1000</td> <td rowspan="2">40</td> <td>[± 0]</td> <td>[-0 + 10]</td> <td>[-5 + 10]</td> </tr> <tr> <td>1050</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	D - HANDLE HEIGHT (mm)	DOOR THICKNESS (mm)	P - WALL THICKNESS / FRAME ADJUSTMENT (mm)			< 100	≥ 100 ≤ 110	≥ 100	1000	40	[± 0]	[-0 + 10]	[-5 + 10]	1050			
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<p><b>TEMPERATURES AND FLOW DIAGRAM</b></p> 	<p><b>IRONMONGERY AND OPTIONS</b></p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center; margin: 5px;">  Key lock         </div> <div style="text-align: center; margin: 5px;">  Bathlock         </div> <div style="text-align: center; margin: 5px;">  Magnetic lock         </div> <div style="text-align: center; margin: 5px;">  Euro sash lock         </div> <div style="text-align: center; margin: 5px;">  Lift of hinge         </div> <div style="text-align: center; margin: 5px;">  Concealed hinges         </div> <div style="text-align: center; margin: 5px;">  Automatic drop seal         </div> </div>																	
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