

Forclean - Partition panels and their accessories

PARTITION PANEL WITH INCREASED THERMAL RESISTANCE



Panels with increased thermal resistance are used for the construction of thermochambers and cold storage boxes.

In areas constructed with these panels, temperature and pressure according to the customer's requirements are maintained.

The whole system of connecting panels to each other and to other components (i.e. door casings, ceiling panels, anchoring to the floor) is designed in such a way as to eliminate thermal bridges and minimise heat transfer.

This panel system also contains other elements for the construction of complete boxes:

- Door with increased thermal resistance ([cat. sheet no. 104.06](#)) and
- Ceiling panels ([cat. sheet no. 105.06](#)).

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PARTITION PANEL WITH INCREASED THERMAL RESISTANCE

S1: Panel type

102.06: partition panel with increased thermal resistance

S2: Panel thickness

102: 102 mm

122: 122 mm

62: 62 mm

82: 82 mm

S3: Panel width W

1190: 1190 mm

560: 560 mm

W - width in mm according to dimensional range 560 mm, 1190 mm. Preferred dimensions: 1190 mm, 560 mm. It is possible to order atypical panel dimensions: min. dimension 300 mm, max. dimension 1190 mm.

S4: Panel height H

2400: 2400 mm

2600: 2600 mm

Panel height 2400 and 2600 mm. Min. dimension 300 mm, max. dimension 4000 mm.

S5: Side end

Q: atypical

01: groove - tongue

02: tongue - tongue

03: groove - straight

04: straight - straight

17: groove - groove

22: straight - tongue

S6: Bottom end

C: classic (straight)

CJP: classic + reinforcement with interrupted thermal bridge (for above-door panels)

Q: atypical

S7: Upper end

C: classic (straight)

Q: atypical

S8: Side reinforcement

JP: simple reinforcement with interrupted thermal bridge

O: no side reinforcement

X,X: left reinforcement, right reinforcement

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S9: Number of cable glands

XX,XX: cable glands from the right, cable glands from the left

0,0: no cable gland

1,1: 2 pcs (1 pc 85 mm from the left - 1 pc 85 mm from the right)

Example of designation in the case of multiple cable glands: Orientation and number of cable glands are specified. The first cable gland is 85 mm from the edge. Other cable glands are located 100 mm apart from each other as standard.3;2 - Total of 5 pcs, 3 from the left side+2 from the right side.

S10: Filler

S: Styrofoam IB

S11: Facing hue and material - standard on the visible side

AISI304: Stainless steel AISI 304

XXXX: Powder coating (Komaxit), hue RAL

1015: Galvanized metal sheet, hue RAL 1015

6027: Galvanized metal sheet, hue RAL 6027

9002: Galvanized metal sheet, hue RAL 9002

9016: Galvanized metal sheet, hue RAL 9016

S12: Facing hue and material - standard on the rear side

AISI304: Stainless steel AISI 304

XXXX: Powder coating (Komaxit), hue RAL

1015: Galvanized metal sheet, hue RAL 1015

6027: Galvanized metal sheet, hue RAL 6027

9002: Galvanized metal sheet, hue RAL 9002

9016: Galvanized metal sheet, hue RAL 9016

Attention: It is necessary to always observe the orientation specified in the diagram of the side end S5.

S13: Atypical design

O: Type design

Q: Atypical design

Type design

0 - Unique specification out of offered versions

Atypical design

Q - atypical design that cannot be uniquely specified by a code