

STAR PANEL DOOR

aliplast
aluminium systems



panel doors

Star Panel Door

- thermally insulated aluminium system used to design panel doors
- the supporting structure of the panel door system is the Star system, the door has excellent thermal insulation; this has a real impact on both the comfort inside the building and the costs of its use
- two different types of hinges can be used: roller hinge dedicated to the Star system and concealed hinge (Dr. Hahn)
- 3-point standard and self-bolting locks – to be selected individually
- handles, grips from the inside to be chosen from the standard Aliplast offer
- the system features a wide range of filling panels available in a variety of designs and colours; the elegant design of the structure, available dimensions and the possibility of using the door in a larger display structure give a lot of freedom in the arrangement of the entrance to the building
- wide range of colours – RAL palette (Qualicoat 1518), textured colours, Aliplast Wood Colour Effect – wood-like colours, Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodised colour (Qualanod 1808), bi-colour

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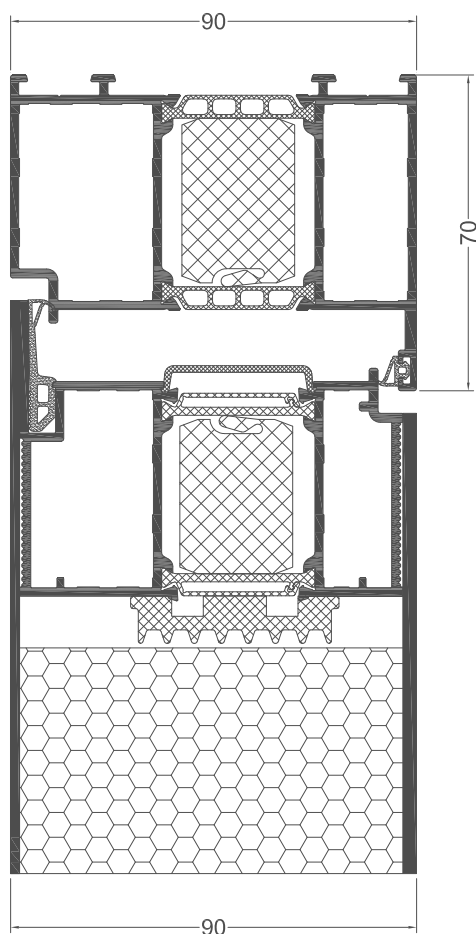
technical specification

system	material	depth of frame	depth of sash	infill thickness	door type
PD	aluminium / polyamide	90 mm	90 mm	single-sided panel 22 to 83 mm / double-sided panel 90 mm	single, outswing, inswing

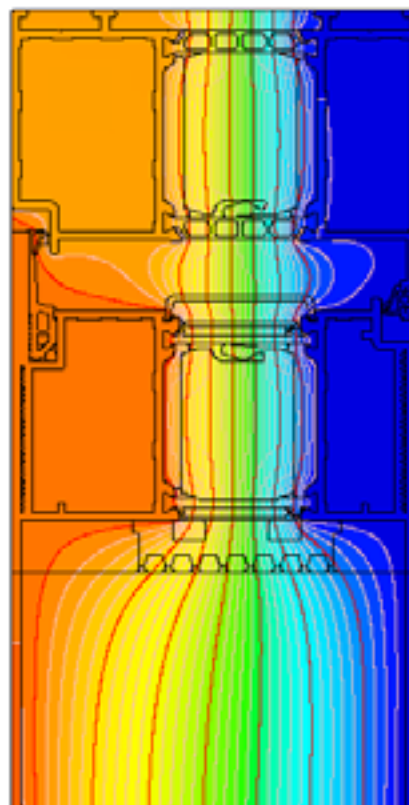
performance

system	thermal insulation U_f^*	air permeability	windload resistance	watertightness
PD	U_d from 0.73 W/m ² K	Class 4; EN 12207	Class E2400; EN 12210	Class 7A (300 Pa); EN 12208

* Thermal insulation is dependent on a combination of profiles and thickness of the filling



cross-section of the frame and sash in the Star Panel Door system,
double-sided panel, outswing type (GT415 + GT1626)



example isotherm arrangement for the frame and door sash assembly
of the Star Panel Door system (GT415 + GT1626)