

FR65

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Thermally insulated fire protection system.
Structures designed on the basis of the FR65
system feature fire rating EI30.

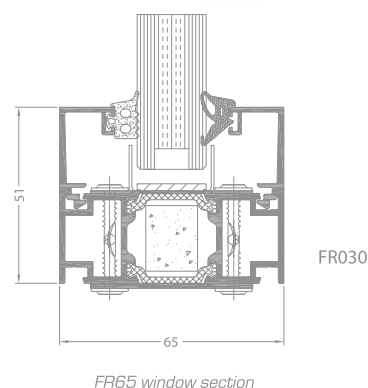
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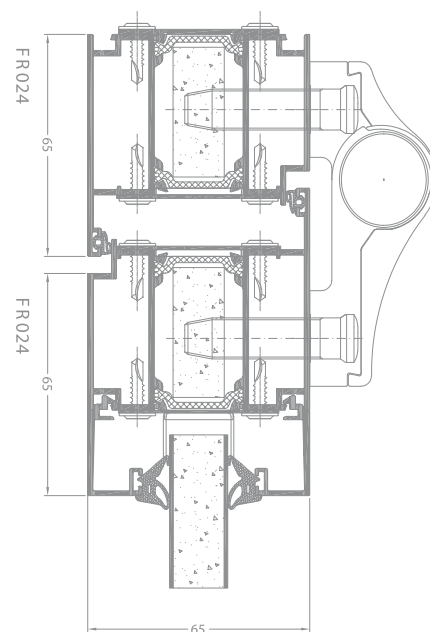
System characteristics:

- installation depth 65 mm
- symmetrically designed profile, middle chamber filled with gypsum infill elements (between thermal separation sheets)
- compatible with systems with the installation depth of system 65 mm (Imperial, Ecofutural)
- possibility of using a double glazing unit (glazing: 17 mm to 48 mm)
- option of panel infill (panel thickness 17 mm):
 - gypsum filled panels,
 - the possibility of using steel or aluminum sheet
- application: indoor installations
- structures: single and double doors, fixed glazing;
- maximum dimensions of the tested structure: 4930 x 3100 mm (fixed wall)
- maximum dimensions of single-leaf doors: 1450 x 2500 mm
- maximum dimensions of double-leaf doors: 2690 x 2500 mm
- single-point and multi-point door locks, electric door strikes
- cover plate hinges
- solutions with and without thresholds
- door kick plates (high plinth block)
- option of air vent installation
- optimised profiles (one profile type for the door frame and leaf)
- quick and simple prefabrication (no processing of the glazing bar)
- Acoustics – acoustic testing of double-leaf doors featuring fire rating EI30 and EI60 for indoor installations: from 37 dB, gypsum filled panels: 33 dB.

A wide range of colours available - RAL palette (Qualicoat 1518), structural colours, Aliplast Wood Colour Effect (Qualideco PL-0001), anodized (Qualanod 1808), bi-colour.



FR65 window section



FR65 door section

TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	TYPE OF WINDOWS	TYPE OF DOORS
FR65	aluminium / polyamid	65 mm	/ 65 mm	/ 17-46 mm	fixe	single and double doors