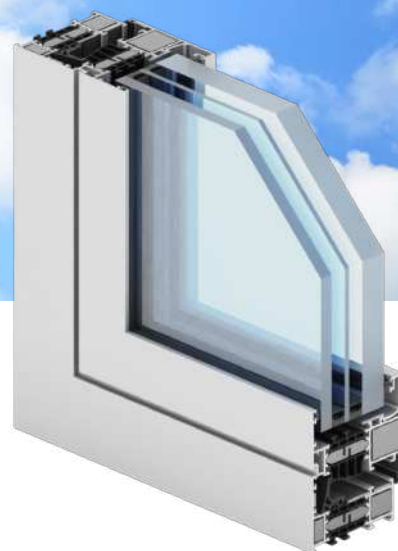




fire protection systems



GENESIS 75 EI30

- window system with increased thermal insulation, characterised by fire resistance **class EI30, EW30, E30 according to EN 13501-2:2016-07** /the parameters have been attained for both directions of fire impact, from the outside inwards and from the inside outwards/
- system design based on the standard Genesis 75 system /installation depth 75 mm/
- window type: turn-type, tilt-type, turn-and-tilt
- possible use of automation: use of locking systems and AUMÜLLER AUMATIC and GEZE electric opening drives
- anti-burglary features: possible use of ROTO AL hardware with the option of anti-burglary features in the RC2 class and a load capacity of up to 160 kg
- glazing – ANTIFIRE 22 fire-resistant glass by RETRE; fire-resistant glass with single- or double-chamber glazing, also ESG, VSG
- maximum dimensions of the structure: 1200 x 2150 mm
- wide range of sections and profiles offered as part of the Genesis 75 system enabling the design of modern windows characterised by exceptional functionality
- system for the design of window structures in both public and private buildings
- wide range of colours available - RAL palette (Qualicoat 1518), structural colours, Aliplast Wood Colour Effect (wood-like colours), Aliplast Loft View - colours imitating stone surfaces (Qualideco PL-0001), bi-colour, anodized (Qualanod 1808)

GENESIS 75 EI30

aliplast
aluminium systems

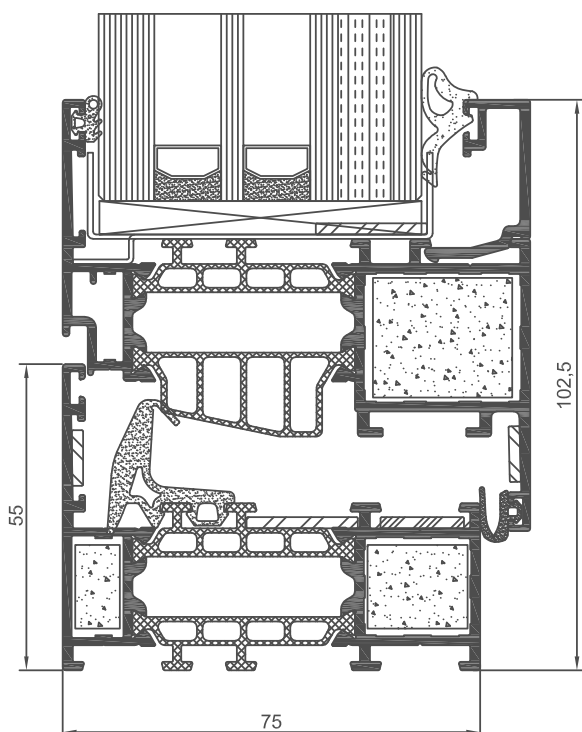
fire protection systems

technical specification

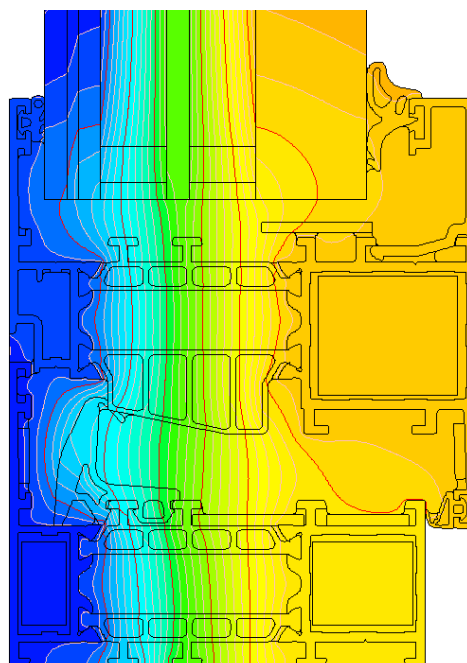
system	material	depth of frame	depth of leaf	glazing range	type of windows
Genesis 75 EI30	aluminium/polyamid	75 mm	84 mm	36-65 mm	RU, R, U

performance

system	thermal insulation U_f^*	air permeability	windload resistance	watertightness
Genesis 75 EI30	U_f from 1,67 W/m ² K	600 Pa; EN 12207	1600 Pa; EN 12210	1650 Pa; EN 12208



GN75 EI30 cross section (GN020 + GN010)



distribution of isotherms for frame with sash composition
in the GN75 EI30 system (GN010 + GN020)