



Series SC90i
Window and door construction
made of thermally insulated profiles

Information on the Series*	Design features	<ul style="list-style-type: none"> • Various design possibilities for sliding windows or doors • Sash arrangement: two- to six-sash units, one to six slidable sashes, two and three roller rails • Max. sash weight 120 kg • Max. sash height 3000 mm with a max. sash width of 1200 mm, max. sash width 1900 mm with a max. sash height of 1900 mm, only with interlocking profile B 589 004 • Fixed frame: three-chamber profiles, factory-mounted insulating composite • Reinforced interlocking profiles • Can be coated at a later time • Numerous easy to mount wall connecting variants
	Modular system	<ul style="list-style-type: none"> • Series 2.1 system components suitable: fittings, accessories, supplementary profiles, auxiliary accessories, tools
	Surfaces	<ul style="list-style-type: none"> • Anodisation in accordance with DIN 17611 • Plastic coating (wet paint, powder coating lacquer) in accordance with DIN 50939
	Connecting technology	<ul style="list-style-type: none"> • Profile connection fixed with screws • Partially, frame profiles can be crimped with corner connection or nailed
	Elevation width	<ul style="list-style-type: none"> • Fixed frame: lateral 20 mm, top 35 mm, bottom 40 mm • Sash: lateral 74 mm, bottom/top 82 mm • Interlocking area: 50 mm • Sash joint scheme F, L: 150 mm
	Profile depth	<ul style="list-style-type: none"> • Fixed frame: 65 mm, 95 mm, 112,5 mm • Sash horizontal: 35 mm, sash vertical: 38 mm
	Insulating zone	<ul style="list-style-type: none"> • Factory-mounted, glass fibre-reinforced polyamide strips in fixed frame, partly with PU foam
	Glazing	<ul style="list-style-type: none"> • Glass thickness between 14 mm and 24 mm
	Gaskets	<ul style="list-style-type: none"> • Woven pile weather strip with poly-brush and poly-base with middle bridge in the interlocking area • Glazing gasket: EPDM gaskets, drawn in continuously, or U-shaped sealing profiles
	Rollers	<ul style="list-style-type: none"> • Adjustable in height and not adjustable in height • Single rollers for 80 kg and tandem rollers for 120 kg sash weight

Building physics*	Thermal insulation	DINV 4108-4 EN ISO 10077-2	U_{f,BW} from 2.4 W/m²K to 7.0 W/m²K U_f see Register SCT
	Water tightness	NF P 20.501	Class E3
	Air permeability	NF P 20.501	Class A3

* All standards referred to herein, were valid at time of printing.

Valid test reports as well as technical information can be found in the download area of the site www.hueck-hartmann.com