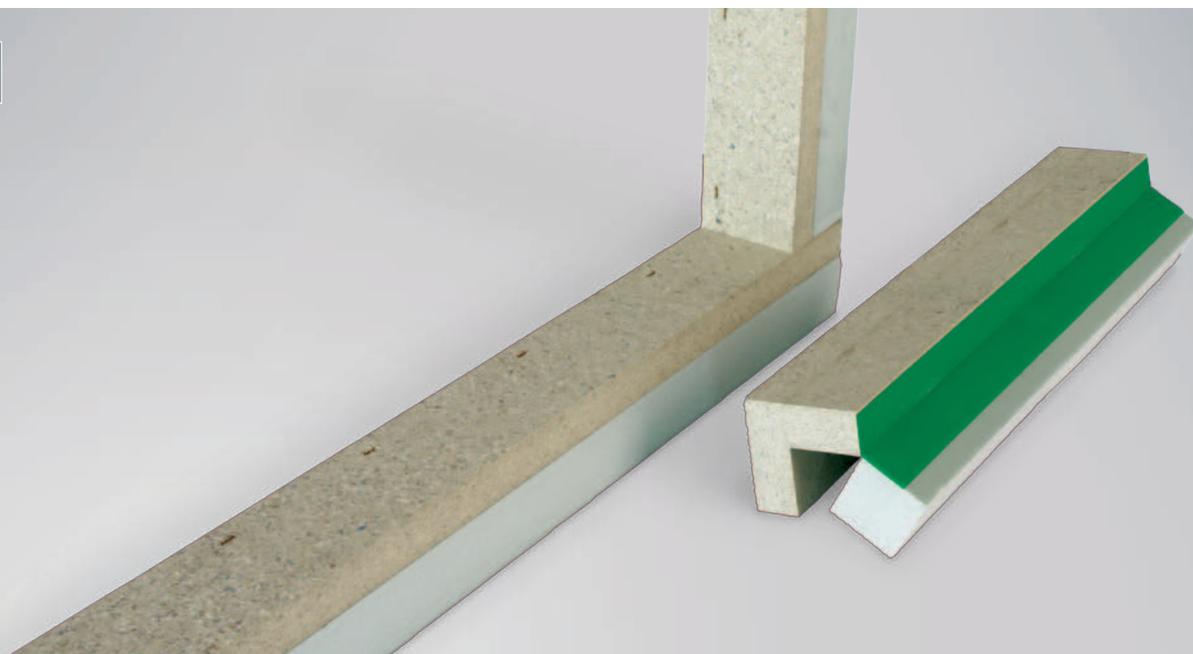


PRODUCT DATA SHEET

ISO-TOP WINFRAMER



PRODUCT DESCRIPTION

ISO-TOP WINFRAMER comprises a thermally insulating and load-bearing system bracket which is equipped with a highly thermally insulating core. The thermally insulating core is connected to the system bracket by means of a hinged mechanism. The advantage of this is that the insulating core can simply be moved out of the way when screw fixing the bracket.

The ISO-TOP WINFRAMER wood composite profiles are pre-fabricated in the format 1,200x80x80 mm and can be cut to length on site using a mitre saw. Attachment to the masonry is by means of a 1-component adhesive sealing agent matched to the masonry, which guarantees optimum adhesion to mineral bases, and additional attachment using screws if necessary (not included in the range).

APPLICATION

ISO-TOP WINFRAMER is an installation frame which makes it possible to position and fit windows in front of the wall in the insulation plane. The composite wood brackets are suitable for bearing the loads of windows and doors to provide an optimum base for sealing window connection joints.

The window and door elements are attached directly and mechanically in the supporting frame system. This is possible both with classic screw fitting using standard fixing screws, as well as metal lugs. The composite wood bracket then incorporates the hinged insulation core and becomes part

PRODUCT ADVANTAGES

- windows can be fitted into the outer thermal insulation level
- used individually or in combination with ISO-Chemie sealing components
- integrated thermal insulation core
- simple adaptation of length using standard mitre saws
- complies with the requirements of EnEV
- reduction of structure-related thermal bridges
- suitable for installation and sealing according to RAL "installation guide"

of the overall insulation layer of the building. The integrated thermal core combined with the installation frame guarantees an optimum Ψ -value.

SEALING TO THE MASONRY

The bonding and sealing of ISO-TOP WINFRAMER to the masonry, and the sealing of the joints / corners is achieved by using ISO-TOP FLEX-ADHESIVE WF a 1-component system adhesive sealant.

PATENT-
PENDING

ISO-TOP WINFRAMER

Technical data: Wood composite brackets	Standard	Classification
Material description		thermal insulation system brackets
Colour		beige
Building material class	DIN 4102	B2
Building material approval		Z-23.11-1819
Thermal conductivity	DIN EN 12667	$\lambda = 0.07 \text{ W/m}\cdot\text{K}$ on average (average U-value $0.47 \text{ W/m}\cdot\text{K}$)
Sound insulation		depending on the sound insulation class of the construction element / window up to 50 dBA
Temperature resistance		-50°C to +100°C
Ageing resistance		resistant to rotting
Humidity resistance		high humidity resistance / resistant to mould and termites
Dimensional stability		high dimensional stability even with natural weathering
Load transfer		200 kg/m with corresp. wall mounting on wood, concrete, porous concrete, KSV, HLZ
Processing		with standard mitre saws or similar, simply cut to length
Can be plastered over		ISO-TOP WINFRAMER composite wood brackets can be plastered over
Storage time (wood profiles and insulating core)		24 months

Technical data: Insulating core	Standard	Classification
Material description		insulating core
Building material class	DIN 4102	B1
Thermal conductivity	DIN EN 12667	$0.033 \text{ W/m}\cdot\text{K}$
Resistance		usual construction materials, except solvents

SEALING TO THE WINDOW SYSTEM

Sealing between window and ISO-TOP WINFRAMER is achieved with the following ISO-Chemie tested sealing products:

- ISO-BLOCO ONE
- ISO-BLOCO ONE CONTROL
- ISO-BLOCO 300 and 600
- ISO-CONNECT VARIO SD
- ISO-CONNECT VARIO FIX
- ISO-CONNECT VARIO XD
- ISO-CONNECT INSIDE FD
- ISO-CONNECT OUTSIDE FD
- ISO-BLOCO HF



DELIVERY RANGE

		Length mm	Width mm	Height mm
ISO-TOP WINFRAMER	system bracket with integrated thermal insulating core	1200	80	80
ISO-TOP FLEX-ADHESIVE WF	for bonding and sealing to masonry, and sealing of joints / corners			

The details and information given in this literature are based on best current knowledge. They are intended to serve as general information only and it is advised that the user conducts their own tests for their specific set of conditions to determine the suitability of the product for its proposed use. No warranty or liability is given or implied regarding any part of these instructions or details, or the completeness of the information. We reserve the right to modify, or change, the specifications and information without advance notification. All goods are supplied subject to our standard conditions of sales, copies of which are available upon request.