

Made in Italy



eklip.it

Sistema/System

EK80TH

SISTEMA IN ALLUMINIO A BATTENTE
CASEMENT ALUMINIUM SYSTEM



EK80TH

**SISTEMA BATTENTE
A TAGLIO TERMICO**
THERMAL BREAK
CASEMENT SYSTEM

Con i profili della serie Eklip EK80TH, alla resistenza meccanica garantita dalle barre in alluminio viene affiancata la tecnologia di isolamento termico low-lambda, un processo di evolutivo rispetto all'inserimento delle classiche barrette in poliammide, capace di ridurre la conducibilità termica del materiale (poliammide) del 30% rispetto agli standard.

Campi d'impiego EK80TH

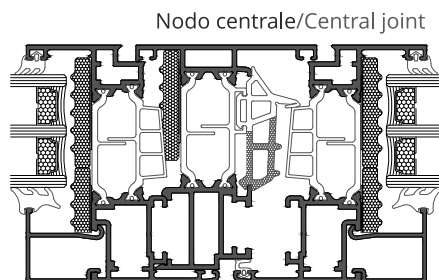
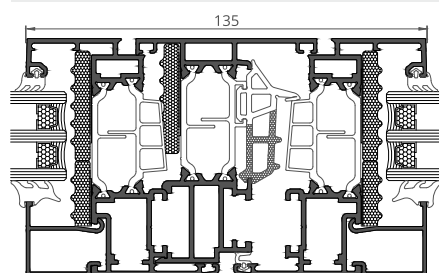
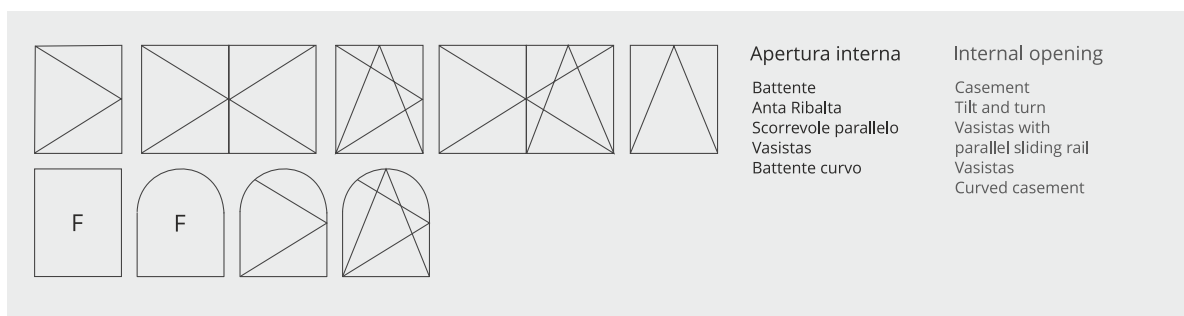
La gamma Eklip EK80TH prevede il versatile impiego dei profili per la costruzione di portefinestra, finestre, vasistas, ante scorrevoli parallele, specchiature fisse, infissi curvi e portoncini. Per ogni soluzione di EK80TH sono disponibili le esclusive linee estetiche Minimal e Life nei colori RAL e Special Krom, oltrechè nelle finiture wood style di Decorlegno e con anodizzazione.

With the profiles of the set Eklip EK80TH, the mechanical resistance guaranteed by the aluminium bars is put next to the brand-new technology of low lambda thermal insulation, an evolution process compared to the installation of the classic polyamide bars, which can reduce the thermal conductivity of the material (polyamide) of 30% in relation to the standard ones.

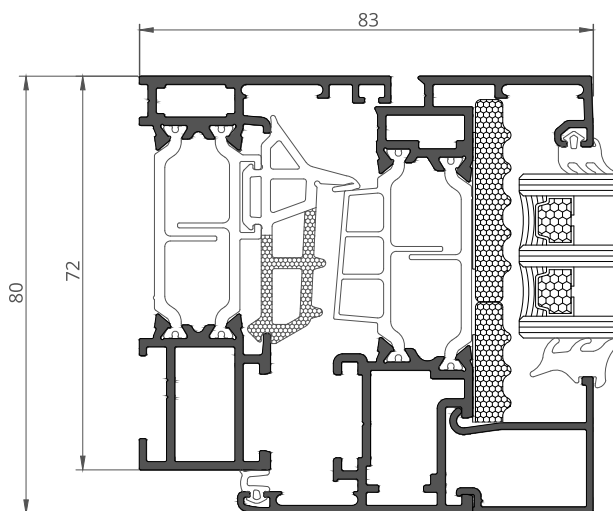
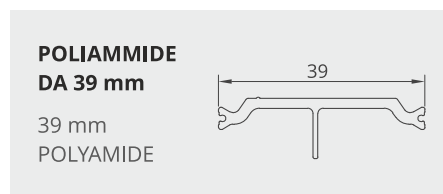
EK80TH application fields

The Eklip EK80TH set foresees the application of the profiles with absolute versatility for the manufacturing of French windows (doors), classical windows, vasistas, parallel sliding windows, curved window frames and the chance to create front doors. For each solution EK80TH the exclusive aesthetic sets Life and Minimal are available in RAL colours and Special Krom Cappello Group, moreover in the wood style finish of Decorlegno and with anodization.

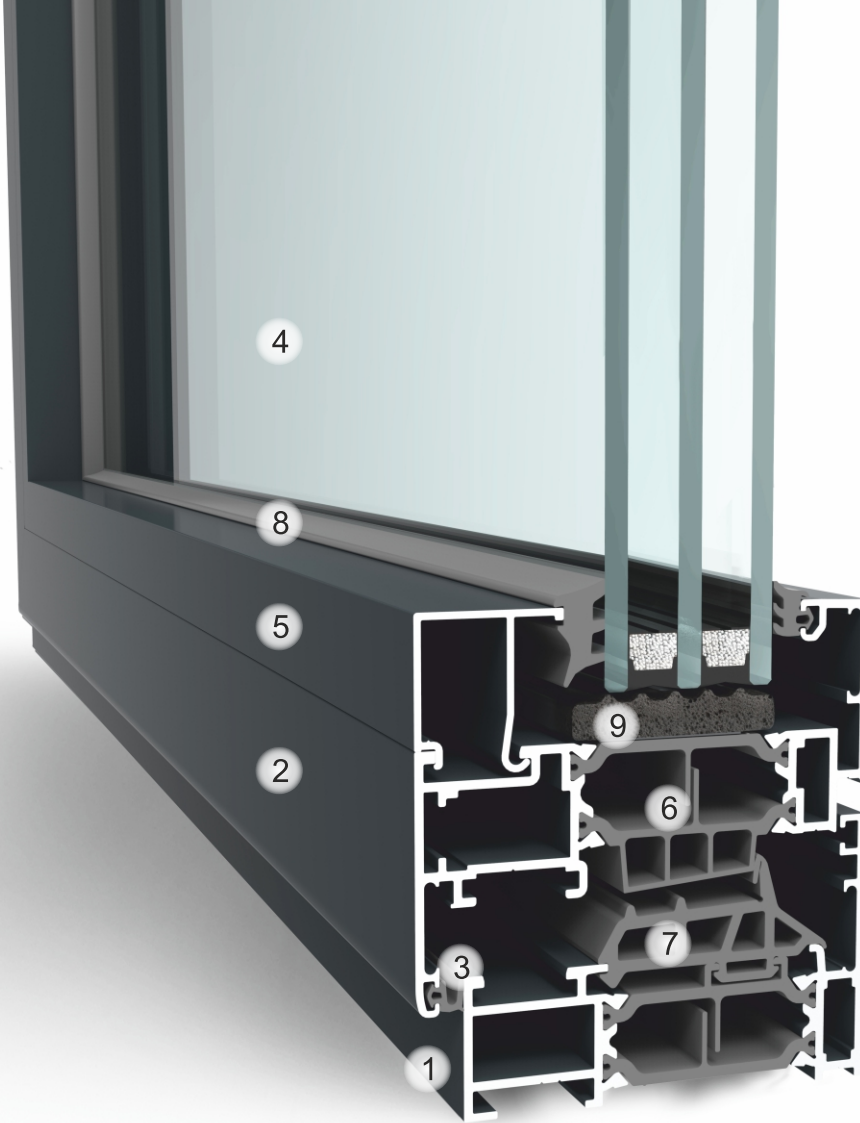
TIPI DI APERTURA/OPENING TYPES



Nodo centrale/Central joint



Nodo laterale/Lateral joint



1 Telaio Fisso
Casement

2 Telaio Mobile
Frame

3 Guarnizione di battuta interna in EPDM
Internal jamb EPDM gasket

4 Doppio o Triplo vetro isolante ad una o due camere
Double or triple insulating glazing with single or double air chamber

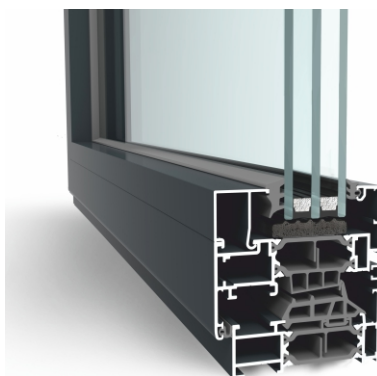
5 Fermavetro serie Minimal o Life
Glazing bead of the sets Minimal or Life

6 Speciali barre di isolamento termico in poliammide low-lambda capaci di ridurre la conducibilità del 30%.
Special polyamide low-lambda thermal bars, able to reduce the conductivity of 30%

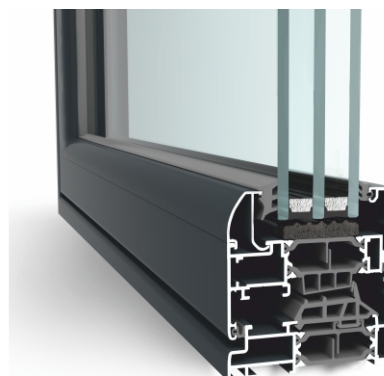
7 Guarnizione centrale di tenuta in EPDM (giunto aperto) ad alte prestazioni, con componente espansa.
High performances EPDM central sealing gasket (open joint), with expanded component

8 Guarnizioni cingivetro
Glazing gaskets

9 Sottovetro isolante
Insulation gasket



MINIMAL



LIFE

PRESTAZIONI SERRAMENTO EK80TH/EK80TH FRAME PERFORMANCES



Permeabilità all'aria
Air permeability

**Class
4**



Tenuta all'acqua
Water tightness

**Class
E1200**



Resistenza al vento
Wind resistance

**Class
C3/B4**

CARATTERISTICHE TECNICHE/TECHNICAL DETAILS

Dettaglio/Detail	Valore/Value		
Permeabilità all'aria/Air permeability	Class 4		
Tenuta all'acqua/Water tightness	Class E1200		
Resistenza al vento/Wind resistance	C3/B4		
Trasmittanza termica della vetrata Thermal transmittance of the glazing	$U_g = 1$	$U_g = 0,8$	$U_g = 0,5$
Trasmittanza termica finestra 1 ante (1230x1480 mm) Thermal transmittance of the window 1 sash (1230x1480 mm)	$U_w = 1,23 \text{ W/m}^2\text{k}$	$U_w = 1,07 \text{ W/m}^2\text{k}$	$U_w = 0,84 \text{ W/m}^2\text{k}$
Trasmittanza termica finestra 2 ante (1230x1480 mm) Thermal transmittance of the window 2 sashes (1230x1480 mm)	$U_w = 1,29 \text{ W/m}^2\text{k}$	$U_w = 1,16 \text{ W/m}^2\text{k}$	$U_w = 0,96 \text{ W/m}^2\text{k}$
Trasmittanza termica nodo laterale Lateral joint thermal performance	$U_f = 1,59 \text{ W/m}^2\text{k}$		
Trasmittanza termica nodo centrale Central joint thermal performance	$U_f = 1,49 \text{ W/m}^2\text{k}$		
Spazio utile per vetro o pannello min-max Usable space for glass or panel min-max	da mm 36,1 a mm 72,7/from mm 36,1 to mm 72,7		
Tipo di vetrocamera/Type of double glazing	2 o 3 strati/2 or 3 layers		
Sezione telaio/Frame section	mm 72/80		
Sezione anta/Sash section	mm 80		
Nodo centrale/Central joint	mm 135		
Marchio CE/CE mark	SI/YES		

Prove fisico meccaniche su finestra a due ante con anta ribalta mm 2495b x 1595h / Mechanical and physical tests performed on a two-sash tilt&turn window mm 2495b x 1595h
Valori (U_w) ottenuti su finestra un'anta e due ante mm 1230b x 1480h / Values (U_w) obtained on a one-sash window and two-sash window mm 1230b x 1480h

Il calcolo della trasmittanza termica è stato eseguito secondo i riferimenti normativi UNI EN ISO 10077-2:2018
The thermal transmittance calculation has been carried out according to UNI EN ISO 10077-2:2018

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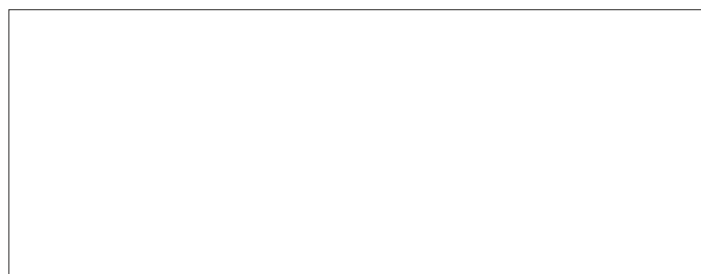


TECNOLOGIA LOW-LAMBDA -30% CONDUCEBILITÀ TERMICA/LOW-LAMBDA THECNOLOGY -30% THERMAL CONDUCTIVITY



GLI INFISSI IN ALLUMINIO
MADE IN ITALY

www.eklip.it



RIVENDITORE AUTORIZZATO EKLIP

EKLIP AUTHORIZED DEALER



Zona Industriale IV fase, Viale 3, n. 5 - 97100 Ragusa (Italy) T. 0039 0932 660 211 F. 0039 0932 660 250
www.cappellogroup.it | info@cappellogroup.it