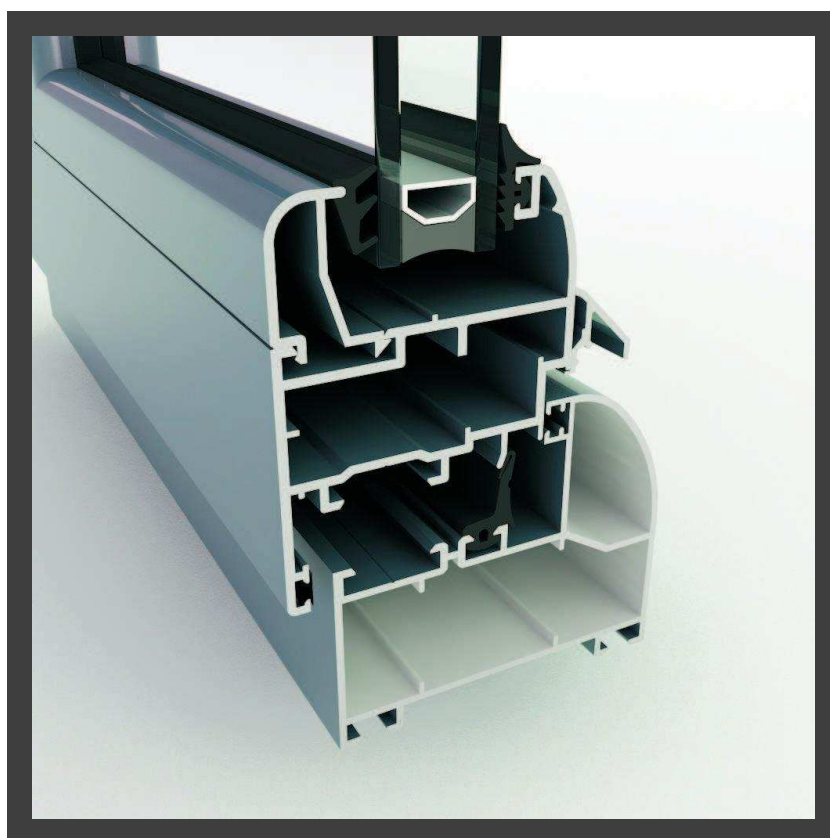


TEHNOMARKET TMH 45

Sistem aluminijumskih profila
za proizvodnju prozora i vrata

*Aluminium profiles system
for doors and windows manufacturing*



TEHNIČKI OPIS -SRPSKI <i>Technical description -Serbian</i>	3
TEHNIČKI OPIS -ENGLESKI <i>Technical description -English</i>	4
LISTA PROFILA <i>Profile list</i>	5 - 8
PROFILI <i>Profiles</i>	9 - 15
LISTA PRATEĆEG MATERIJALA <i>Accessories list</i>	16 - 17
STANDARDNI PROZOR -PRESECI <i>Standard window -Sections</i>	18 - 32
STANDARDNA VRATA -PRESECI <i>Standard door -Sections</i>	33 - 47
STANDARDNI PROZOR -KROJNE LISTE <i>Standard window -Cutting lists</i>	48 - 51
STANDARDNA VRATA -KROJNE LISTE <i>Standard door -Cutting lists</i>	52 - 57
TMH9 -ZATVARANJE SA UMETKOM <i>TMH9 -Closing with ending plug</i>	58
TMH21 i TMH 22 -ZATVARANJE SA UMETKOM <i>TMH21 and TMH 22 -Closing with ending plug</i>	59
ŠTANCOVANJE <i>Punching</i>	60 - 61
DRENAŽA I VENTILACIJA <i>Drainage and ventilation</i>	62
MONTAŽA RUČICE <i>Handle assembly</i>	63
ŠARKA VRATA <i>Door hinge</i>	64
FREZOVANJE NA KRILU VRATA ZA BRAVU I CILINDAR <i>Door sash machining for lock and cylinder</i>	65
ZABRAVLJIVANJE VRATA <i>Door lock ware</i>	66 - 67

Sistem profila TEHNOMARKET TMH 45 čini grupa aluminijumskih profila projektovanih za izradu elemenata sa primenom u arhitekturi i građevinarstvu (vrata, prozora, portala velikih i malih dimenzija itd.).

Svi profili ovog sistema su dobijeni postupkom EKSTRUZIJE u pogonima "TEHNOMARKET"-a. Kao sirovina za izradu koriste se legure po AA standardu 6063 i 6060 (DIN standard AlMgSiO.5).

Posebno je značajna primena ovog sistema u izradi enterijerskih portala velikih dimenzija i složenih oblika. Upotrebom ovog sistema moguće je proizvesti karakteristična enterijerska vrata u kombinaciji sa panelnim krilima izrađenim od drveta ili medijapana visokog kvaliteta.

Ovaj sistem je atestiran na propuštanje vazduha, kao i na otpornost prema delovanju vode.

Površinska obrada profila može biti elektrolitička anodna oksidacija (eloksaža) u skladu sa standardom JUS C.T7.228 i korozivnom otpornošću u skladu sa standardom JUS C.T7.231 , ili elektrostatska pulverizacija (plastifikacija), prema RAL ton karti.

Sistem profila TEHNOMARKET TMH 45 je projektovan za spajanje uglova zglobnim rastavljivim aluminijumskim spojnica. Takođe, u svim uglovima rama i krila ugrađuju se poliamidne trakaste spojnice.

Drenažni otvori na donjoj spoljašnjoj strani sklopljenog elementa, omogućavaju otkapljivanje vode, odvođenje isparenja i ventiliranje spoljašnjeg dela profila.

Zaptivanje između rama i krila obezbeđuju E.P.D.M. zaptivke otporne na starenje i uticaj ultra-ljubičastih zraka.

Elementi ovog sistema imaju integrisan evropski standard zabravljivanja, takozvani "EURO ŽLJEB", čime je omogućena primena okova bilo kog evropskog proizvođača.

Ovaj sistem je dizajniran i projektovan da prihvati ispune debljine od 3 do 30 mm.

Thermal insulation and energy savings are the prior conditions in temporary home planning. But in some mild climate zones, as Mediterranean's for example, sophisticated soft lined design and good static properties of Doors and Windows are sometime more important than thermics itself. The compromise is possible.

**System TEHNOMARKET TMH 45
Is a real solution**

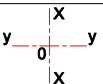
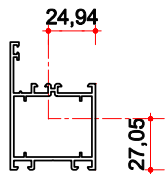
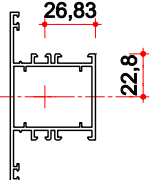
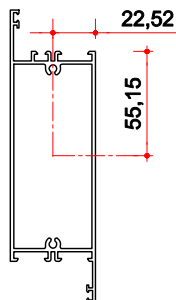
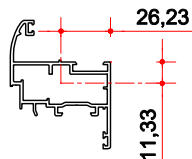
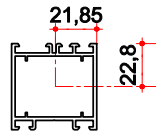
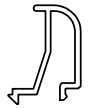
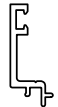
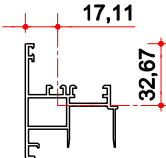
This set of aluminium profiles without Thermal Break has the same outline as TEHNOMARKET TMT 56.

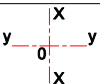
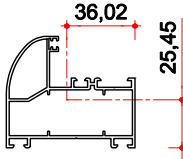
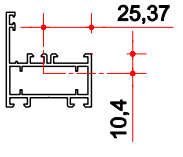
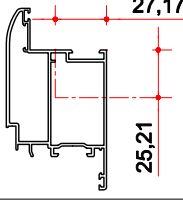
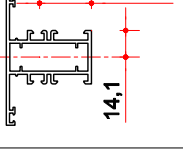
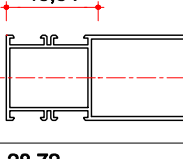
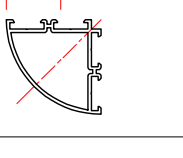
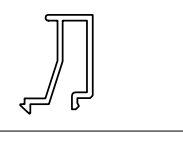
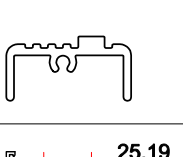
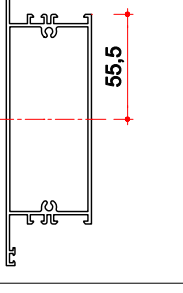
Extruded profiles are of AA6060 or AA6063 Primary Aluminium alloy with minimal tensile strength $\sigma=220$ N/mm².

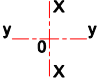
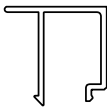
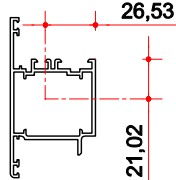
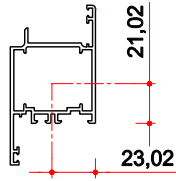
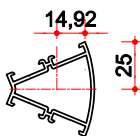
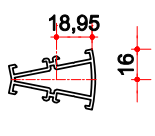
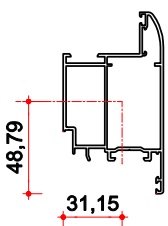
The window profiles incorporate "Euro Flash" system of accessories with central sealing.

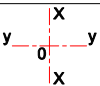
Most of the profiles are easy to combine with the other systems.

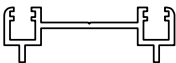
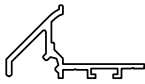
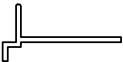
It is very cost effective and easy-to-use systems of aluminium profiles for doors and windows manufacturing.

OZNAKA Code	PROFIL Section	MASA Weight	OPIS Description
		Kg/m'	
TMH1	 $S=4,18 \text{ cm}^2$ $J_x=12,4 \text{ cm}^4$ $J_y=14,9 \text{ cm}^4$	1,151	Profil rama Frame profile
TMH2	 $S=4,71 \text{ cm}^2$ $J_x=13,6 \text{ cm}^4$ $J_y=21,95 \text{ cm}^4$	1,296	"T" profil "T" profile
TMH3	 $S=7,42 \text{ cm}^2$ $J_x=25,3 \text{ cm}^4$ $J_y=146,7 \text{ cm}^4$	2,039	Donja prečka vrata, otvaranje unutra Door bottom rail, opening in
TMH4	 $S=4,06 \text{ cm}^2$ $J_x=14,85 \text{ cm}^4$ $J_y=9,9 \text{ cm}^4$	1,117	Krilo prozora Window sash
TMH5	 $S=3,89 \text{ cm}^2$ $J_x=10,37 \text{ cm}^4$ $J_y=10,62 \text{ cm}^4$	1,037	Profil rama Frame profile
TMH6		0,266	Držač stakla Snap type rounded glazing bead
TMH7		0,233	Držač stakla sa slajderom Rounded glazing bead with slider
TMH8		0,187	Dodatni profil Additional profile
TMH9	 $S=3,36 \text{ cm}^2$ $J_x=8,7 \text{ cm}^4$ $J_y=6,2 \text{ cm}^4$	0,925	Profil veze dva prozorska krila Second sash profile

OZNAKA Code	PROFIL Section		MASA Weight Kg/m'	OPIS Description
TMH10	 $S=4,35 \text{ cm}^2$ $Jx=12,55 \text{ cm}^4$ $Jy=23,38 \text{ cm}^4$		1,230	Lučni ram Curved frame
TMH11	 $S=3,56 \text{ cm}^2$ $Jx=9,4 \text{ cm}^4$ $Jy=5,6 \text{ cm}^4$		0,979	Profil rama Frame profil
TMH12	 $S=5,07 \text{ cm}^2$ $Jx=12,55 \text{ cm}^4$ $Jy=23,38 \text{ cm}^4$		1,402	Krilo prozora i vrata Window and door sash
TMH13	 $S=4,09 \text{ cm}^2$ $Jx=10,5 \text{ cm}^4$ $Jy=9,7 \text{ cm}^4$		1,124	"T" profil "T" profile
TMH14	 $S=6,63 \text{ cm}^2$ $Jx=73,7 \text{ cm}^4$ $Jy=20,3 \text{ cm}^4$		1,824	Stub Column
TMH15	 $S=3,56 \text{ cm}^2$ $Jx=9,5 \text{ cm}^4$ $Jy=9,5 \text{ cm}^4$		0,978	Lučni profil ugla od 90° Corner column 90°
TMH16			0,277	Držač stakla Snap type glazing bead
TMH17			0,447	Profil praga Threshold profil
TMH18	 $S=7,46 \text{ cm}^2$ $Jx=24,7 \text{ cm}^4$ $Jy=148,1 \text{ cm}^4$		2,053	Prečka vrata Door rail
6				

OZNAKA Code	PROFIL Section	MASA Weight Kg/m'	OPIS Description
			
TMH19		0,313	Držač stakla Snap type glazing bead
TMH21	 $S=4,55 \text{ cm}^2$ $J_x=13,2 \text{ cm}^4$ $J_y=19,65 \text{ cm}^4$	1,252	"T" profil krila vrata "T" sash profile for door
TMH22	 $S=4,55 \text{ cm}^2$ $J_x=13,9 \text{ cm}^4$ $J_y=19,65 \text{ cm}^4$	1,252	"Z" profil krila vrata "Z" sash profile for door
TMH23	 $S=3,18 \text{ cm}^2$ $J_x=5,18 \text{ cm}^4$ $J_y=7,12 \text{ cm}^4$	0,867	Lučni profil ugla od 135° Corner column 135°
TMH24	 $S=2,81 \text{ cm}^2$ $J_x=1,64 \text{ cm}^4$ $J_y=6,16 \text{ cm}^4$	0,772	Lučni profil ugla od 157,5° Corner column 157,5°
TMH29	 $S=5,07 \text{ cm}^2$ $J_x=32,36 \text{ cm}^4$ $J_y=18,88 \text{ cm}^4$	1,408	Krilo vrata Door sash

OZNAKA Code	PROFIL Section		MASA Weight Kg/m'	OPIS Description
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TM10			0,381	Nosač četkice vrata Door brush seal
TM33			0,152	Pogonska letva Operating rod
TM36			0,177	Otkapni profil Drip profile
TM42			0,272	Otkapni profil sa nosačem četkice Drip profile with brush seal
TM43			0,130	Nosač četkice vrata Door brush seal
TM47	 $S=4,05 \text{ cm}^2$		1,112	Okapnica Welt (drip)
TMT20			0,160	Dodatni žljeb za vrata Door additional rabbet