

MOX sistemi - tehnična dokumentacija

datasheet-sentio-en.pdf

Tehnični prevod: za dimenzije si oglejte izvirne risbe in referenčne strani.

Izvorna stran 1

Podatkovni list izdelka

Proizvajalec Mox Profile Systems

Naslov dokumenta Oblikovanje in kakovost: Sentio

Ime izdelka Sentio

Opis izdelka Aluminijasta letev

Postavka št. SNT

Področje uporabe Javno, pisarniško, stanovanjsko

Material EN AW 6463 T6, EN AW 6061 T6

Dolžina 2500 mm

Površina praškasto lakirana, eloksirana, kromirana

Aluminijasta letev Sentio je zaradi svoje široke oblike najbolj priljubljena v prostorih z velikimi razmiki med steno in tlemi.

Z razširjeno votlo površino v svoji zasnovi zbira telefonske, električne in internetne kable za organizacijo okolij, kot so delovna mesta in pisarne.

Pokriva napake v stikih tal in sten.

Preprečuje nabiranje umazanije in škodljivih organizmov ter zagotavlja higienično in zdravo uporabo več let.

Je izjemno vzdržljiv in dolgotrajen, saj je izdelan iz visoko kakovostnih surovin in ima debele stene.

Za razliko od svojih konkurentov izstopa z debelino nanosa in kakovostjo eloksiranja ter s predobdelavo, ki zagotavlja odpornost proti koroziji pri elektrostatičnem prašnem barvanju.

Sentio zagotavlja enotnost s svojim ovalnim prehodnim videzom in je združljiv s klasično in moderno arhitekturo.

Aluminijasto letev Sentio je mogoče enostavno namestiti tako, da univerzalni zadnji del pritrdite na steno z vijaki in pritrdite sprednji pokrivni profil s sistemom snap lock.

Vogale lahko sestavite z rezanjem profila na 45 stopinj.

Sentio aluminijasta letev ima možnosti mat eloksiranega, svetlo eloksiranega, satinirano kemično svetlo eloksiranega in elektrostatičnega praškastega barvanja.

Medtem ko so na voljo srebrni, rumeni, inox, bronasti in črni anodizirani barvni premazi, ga je mogoče tudi pobarvati na želeno oznako RAL z elektrostatičnim prašnim barvanjem.

Stran 1/2

Garancija

Ta izdelek ima garancijo 5 let od datuma prejema, razen za napake uporabnika, kot je navedeno spodaj:

Poškodbe zaradi udarca Poškodbe povzročene s praskami Poškodbe povzročene z abrazivno snovjo ali stikom s kemičnimi čistilnimi sredstvi Poškodbe povzročene zaradi dolgotrajnega stika z vodo Poškodbe

povzročene zaradi izpostavljenosti intenzivni temperaturi Poškodbe povzročene z montažo
LANOITANRETNİ FORANODISING QUALITYLABEL INDUSTRIAL TS-EN 755-8 TS-EN 755-9 TS 4922

Izvorna stran 2

PODATKOVNI LIST ZA ZLITINO

EN AW 6463 T6 [AlMg0.7Si]

Kraj uporabe

Zlitina EN AW-6463 je široko uporabljena zlitina za ekstruzijo, primerna za aplikacije, kjer so potrebne le skromne trdnostne lastnosti.

Deli so lahko

izdelan z dobro kakovostjo površine, primeren za številne postopke premazovanja.

Tipična področja uporabe so pohištvo, zaključni materiali, okna in vrata,

karoserija, izdelava fasade, stebri za razsvetljavo in drogovi za zastave.

Kemična sestava v skladu z EN573-3 (masa%, preostanek Al)

Si Fe Cu Mn Mg Cr Zn Ti Al

0,20 - 0,60 Max 0,15 0,2 Max 0,5 0,45 - 0,9 - Max 0,05 Max 0,1 Ostalo

Mehanske lastnosti v skladu z EN755-2

Kaljenje* Debelina stene e*** Napetost tečenja Natezna trdnost Raztezek Brinellova trdota

- e* mm Rp0,2 min Mpa Rm min Mpa Min A50mm % - Maks A % HB**

T4 e≤50 75 125 14 - 12 46

T5 e≤50 150 110 8 - 6 60

T6 e≤50 195 160 10 - 8 74

* Oznaka kaljenja v skladu z EN515: T4-naravno starano do stabilnih pogojev, T5-ohlajeno iz postopka oblikovanja pri povišani temperaturi in

umetno starano, T6-Solution toplotno obdelano, kaljeno in umetno starano,

** Vrednosti trdote so samo informativne,

*** Pri različnih debelinah sten znotraj enega profila veljajo najnižje navedene lastnosti za veljavne za celoten presek profila.

Fizikalne lastnosti (približne vrednosti, 20°C)

Gostota Območje taljenja Električni toplotni koeficient modula

(kg/m³) (°C) prevodnost prevodnost toplotna elastičnost

2700 585-650 (MS/m) (W/m.K) ekspanzija (GPa)

28-34 200-220 10⁻⁶/K ~70

Varljivost¹

Plin: 3 TIG: 2 MIG: 2

Tipični polnilni materiali (EN ISO18273): SG-AlMg5Cr(A) ali AlSi5 in AlMg3, ko je treba izdelek eloksirati.

Zaradi vnosa toplote med varjenjem

mehanske lastnosti se bodo zmanjšale za približno 50 % (ref.

EN1999-1).

Lastnosti obdelave¹: T4 Kaljenje 3 / T5, T6 Kaljenje 2

Lastnosti prevleke¹ Trdo/zaščitno eloksiranje: 1 / Dekorativno/svetlo/barvno eloksiranje: 2

Odpornost proti koroziji¹ Splošno: 1 Marine: 2

¹Relativna kvalifikacija v razponu od 1-zelo dobro do 6-neprimerno

Stran 2/2

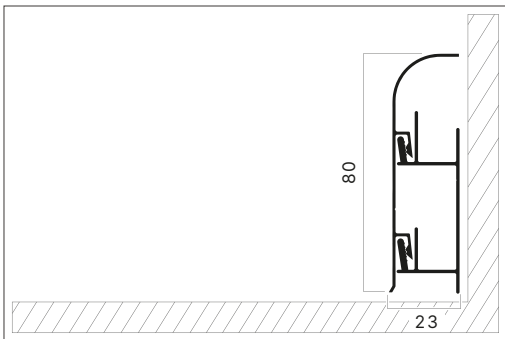
Izvirne risbe in referenčne strani

Product Datasheet



Manufacturer	Mox Profile Systems
Document Title	Design and quality: Sentio
Product Name	Sentio
Product Description	Aluminium Skirting Board
Item No	SNT
Area of Use	Public, Office, Residential
Material	EN AW 6463 T6, EN AW 6061 T6
Length	2500mm
Surface	Powder Coated, Anodised, Chrome Plated

Sentio aluminum skirting board is mostly preferred in areas with large gaps between wall and floorings due to its wide form. With the extended hollow area in its design, it collects the telephone, electricity and internet cables to organize environments such as workplaces and offices. It covers the defects in floor and wall joints. It prevents dirt accumulation and harmful organisms to provide hygienic and healthy use for many years. It is extremely durable and long-lasting since it is produced from high quality raw material and has thick walls. Unlike its competitors, it stands out with its coating thickness and quality of anodizing, and with its pretreatment application that provides resistance to corrosion in electrostatic powder painting. Sentio provides unity with its oval transition appearance and is compatible with both classical and modern architecture. Sentio aluminum skirting board can be easily installed by fixing the universal rear piece to the wall with screws and mounting the front cover profile with its snap lock system. Corners can be assembled by cutting the profile to 45 degrees. Sentio aluminum skirting board has matte anodized, bright anodized, satin chemical bright anodized and electrostatic powder painting options. While silver, yellow, inox, bronze and black anodized color coatings are available, it can also be painted to the desired RAL code with electrostatic powder painting.



Warranty

This product is under warranty for 5 years from the date of receipt except for the user errors as listed below:

- Damage caused by impact
- Damage caused by scratching
- Damage caused by abrasive substance or chemical cleaning agents contact
- Damage caused by prolonged contact with water
- Damage caused by exposure to intense temperature
- Damage caused by montage



ALLOY DATASHEET

EN AW 6463 T6 [AlMg0.7Si]

Place Of Use

The alloy EN AW-6463 is a widely used extrusion alloy, suitable for applications where only modest strength properties are required. Parts can be produced with a good surface quality, suitable for many coating operations. Typical application fields are furniture, finishing materials, windows and doors, car body finishing, facade construction, lighting columns and flagpoles.

Chemical composition according to EN573-3 (weight%, remainder Al)

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
0,20 - 0,60	Max 0,15	0,2	Max 0,5	0,45 - 0,9	-	Max 0,05	Max 0,1	Rest

Mechanical properties according to EN755-2

Temper*	Wall Thickness e***	Yield Stress	Tensile Strength	Elongation	Brinell Hardness
-	e* mm	Rp0,2 min Mpa	Rm min Mpa	Min A50mm % - Max A %	HB**
T4	e≤50	75	125	14 - 12	46
T5	e≤50	150	110	8 - 6	60
T6	e≤50	195	160	10 - 8	74

* Temper designation according to EN515: T4-Naturally aged to a stable condition, T5-cooled from an elevated temperature forming operation and artificially aged, T6-Solution heat treated, quenched and artificially aged,

** Hardness values are for indication only,

*** For different wall thicknesses within one profile, the lowest specified properties shall be considered as valid for the whole profile cross section.

Physical properties (approximate values, 20°C)

Density (kg/m³)	Melting range (°C)	Electrical conductivity (MS/m)	Thermal conductivity (W/m.K)	Co-efficient of thermal expansion 10 ⁻⁶ /K	Modulus of elasticity (GPa)
2700	585-650	28-34	200-220	23.4	~70

Weldability¹

Gas: 3 TIG: 2 MIG: 2

Typical filler materials (EN ISO18273): SG-AlMg5Cr(A) or AlSi5, and AlMg3 when the product has to be anodised. Due to the heat input during welding the mechanical properties will be reduced by approximately 50% (ref. EN1999-1).

Machining characteristics¹: T4 Temper 3 / T5, T6 Temper 2

Coating properties¹ Hard/protective anodising: 1 / Decorative / bright / colour anodising: 2

Corrosion resistance¹ General: 1 Marine: 2

¹Relative qualification ranging from 1-very good to 6-unsuitable