

Sistemi MOX - dokumentazzjoni teknika

datasheet-sole-en.pdf

Traduzzjoni teknika: ikkonsulta t-tpingijiet originali u l-paġni ta' referenza għad-dimensjonijiet.

Paġna tas-sors 1

Skeda tad-Data tal-Prodott

Manifattur Mox Profil Systems

Titlu tad-Dokument Disinn u kwalità: Sole

Isem tal-Prodott Sole

Deskrizzjoni tal-Prodott Aluminju Skirting Bord

Oġġett Nru SOL

Qasam ta' Użu Pubbliku, Uffiċċju, Residenzjali

Materjal EN AW 6463 T6, EN AW 6061 T6

Tul 2500mm

Trab tal-wiċċ miksi, anodizzat, miksi bil-kromju

Il-profil tal-bord tal-aluminju Sole huwa l-aktar preferut fiż-żoni kollha tal-għajxien u ż-żoni pubbliċi b'kunċetti ta' disinn klassiku. Huwa jkopri d-difetti fil-ġonot tal-art u tal-ħajt.

Jipprevjeni l-akkumulazzjoni tal-ħmieġ u organiżmi ta' ħsara biex jipprovdi użu iġjeniku u b'saħħtu għal ħafna snin.

Biż-żona vojta fid-disinn tagħha, tiġbor il-kejbils tat-telefon, tal-elettriku u tal-internet biex torganizza l-ambjent tiegħek.

Huwa estremament durabbli u fit-tul peress li huwa prodott minn materja prima ta' kwalità għolja u għandu ħitan ħoxnin.

B'differenza mill-kompetituri tagħha, tispikka bil-ħxuna tal-kisi u l-kwalità ta' anodizzar, u bl-applikazzjoni ta' trattament minn qabel tagħha li tipprovdi reżistenza għall-korrużjoni fil-pittura tat-trab elettrostatiku.

Sole kien iddisinjat għall-ispazji kollha tal-għajxien klassiċi, lussużi u prestiġjużi.

Il-profil tal-bord ta' l-aluminju Sole jista' jiġi installat faċilment billi tiffissa l-biċċa ta' wara universali mal-ħajt bil-viti u l-immuntar tal-profil tal-qoxra ta' quddiem bis-sistema tagħha ta' snap lock. Il-kantunieri jistgħu jiġu mmuntati billi jaqtgħu profil għal 45 grad.

Huwa disponibbli f'tul ta' 2500mm u għoli ta' 100mm.

Bord ta' skirting ta' l-aluminju Sole għandu għażliet ta' 'pittura ta' trab anodizzat u elettrostatiku.

Filwaqt li l-kisi tal-kulur anodizzat bil-fidda huwa disponibbli, jista' wkoll jiġi miżbugħ bil-kodiċi RAL mixtiegħ b'pittura ta' trab elettrostatiku.

Paġna 1/2

Garanzija

Dan il-prodott huwa taħt garanzija għal 5 snin mid-data tal-wasla ħlief għall-iżbalji tal-utent kif elenkati hawn taħt:

Ħsara kkawżata minn impatt
Ħsara kkawżata minn grif
Ħsara kkawżata minn kuntatt ta' sustanza li joborxu jew aġenti kimiċi tat-tindif
Ħsara kkawżata minn kuntatt fit-tul mal-ilma
Ħsara kkawżata minn

espożizzjoni għal temperatura intensa f'sara kkawżata minn muntagġ

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Paġna tas-sors 2

SKEDA TA' DATA TAL-LIGA

EN AW 6463 T6 [AlMg0.7Si]

Post tal-Użu

Il-liga EN AW-6463 hija liga ta' estrużjoni użata ħafna, adattata għal applikazzjonijiet fejn huma meħtieġa biss proprjetajiet ta' saħħa modesti.

Partijiet jistgħu jkunu

prodott bi kwalità tajba tal-wieċ, adattat għal ħafna operazzjonijiet ta' kisi.

Oqsma tipiċi ta' applikazzjoni huma għamara, materjali tal-irfinar, twieqi u bibien, irfinar tal-karozzerija tal-karozzi, kostruzzjoni tal-faċċata, kolonni tad-dawl u arbli tal-bandiera.

Kompożizzjoni kimika skond EN573-3 (piż%, bqija 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 Mistrieħ

Proprjetajiet mekkaniċi skond EN755-2

Temper* Ħxuna tal-ħajt e*** Stress ta' Rendiment Qawwa tat-tensjoni Titwil Ebusija Brinell

- 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

* Deżinjazzjoni tat-temper skont EN515: T4-Naturalment imqadded għal kundizzjoni stabbli, T5-mkessaħ minn operazzjoni ta' formazzjoni ta' temperatura elevata u

imqadded artifiċjalment, T6-Solution ittrattat bis-sħana, imkessaħ u imqadded artifiċjalment,

** Il-valuri tal-ebusija huma għal indikazzjoni biss,

*** Għal ħxuna tal-ħajt differenti fi ħdan profil wieħed, il-proprjetajiet speċifikati l-aktar baxxi għandhom jitqiesu bħala validi għas-sezzjoni trasversali tal-profil kollu.

Proprjetajiet fiżiċi (valuri approssimattivi, 20°C)

Densità Tidwib firxa Elettriku Termali Ko-effiċjent tal-Modulu ta'

(kg/m³) (°C) konduttività konduttività elasticità termali

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

28-34 200-220 10⁻⁶/K ~70

Weldability¹

Gass: 3 TIG: 2 MIG: 2

Materjali tipiċi tal-mili (EN ISO18273): SG-AlMg5Cr(A) jew AlSi5, u AlMg3 meta l-prodott irid jiġi anodizzat.

Minħabba l-input tas-sħana waqt l-iwweldjar l

il-proprjetajiet mekkaniċi se jitnaqqsu b'madwar 50% (ref.

EN1999-1).

Karatteristiċi tal-magni¹: T4 Temper 3 / T5, T6 Temper 2

Proprjetajiet tal-kisi¹ Anodizzar iebes/protettiv: 1 / Dekorattiv / qawwi / anodizzazzjoni bil-kulur: 2

Reżistenza għall-korrużjoni¹ Ġenerali: 1 Marittimu: 2

¹Kwalifiki relattiva li tvarja minn 1-tajjeb ħafna sa 6-mhux addattat

Pàġna 2/2

Tpingijiet originali u pagni ta' referenza

Product Datasheet



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

Sole aluminum skirting board profile is mostly preferred in all living areas and public areas with classical design concepts. 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. With the hollow area in its design, it collects the telephone, electricity and internet cables to organize your environment. 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 pre-treatment application that provides resistance to corrosion in electrostatic powder painting. Sole was designed for all classical, luxurious and prestigious living spaces. Sole aluminum skirting board profile 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 profile to 45 degree. It is available in 2500mm length and 100mm height. Sole aluminum skirting board has matte anodized and electrostatic powder painting options. While silver anodized color coatings is 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



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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