

Sistemi MOX - dokumentazzjoni teknika

datasheet-velo-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: Velo

Isem tal-Prodott Velo

Deskrizzjoni tal-Prodott Aluminju Skirting Bord

Ogġett Nru VLO

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-bord ta' 'skirting ta' l-aluminju Velo jipprovdi soluzzjonijiet ta' 'skirting speċjalment għal żoni mxarrba bħal kmamar tal-banju u kċejjen.

Huwa jieħu inqas spazju u joffri faċilità ta' 'installazzjoni.

Tipprovdi tnixxija proofing kif ukoll estetika billi tkopri d-difetti tal-ġonta tal-ħajt-art speċjalment fuq żoni mxarrba.

Jista' jintuża f'applikazzjonijiet tal-ħajt ovali peress li huwa adattat għall-liwi.

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 tagħha u l-kwalità ta' 'anodizzar, u bl-applikazzjoni ta' pretrattament tagħha li tipprovdi reżistenza għall-korrużjoni fil-pittura tat-trab elettrostatiku.

Velo jipprovdi dehra flush mal-ħajt u ma jikkawża l-ebda telf ta' spazju.

Bord ta' 'skirting ta' l-aluminju Velo jista' jiġi installat faċilment billi jiġi applikat direttament kolla.

Il-kantunieri jistgħu jiġu mmuntati billi jinqatgħu l-profil għal 45 grad.

Il-bord ta' 'skirting ta' l-aluminju Velo għandu anodizzat matte, anodizzat qawwi, għažliet ta' 'pittura ta' trab kimiċi satin anodizzat qawwi u elettrostatiku.

Filwaqt li kisjiet tal-kulur tal-fidda, isfar, inox, bronż u iswed anodizzati huma disponibbli, jista' wkoll jiġi miżbugħ skont il-kodiċi RAL mixtieq 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 jobjorxu jew aġenti kimiċi tat-tindif
Ħsara kkawżata minn kuntatt fit-tul mal-ilma
Ħsara kkawżata minn

espożizzjoni għal temperatura intensa f'sara kkawżata minn muntaġġ

LANOITANRETNĠ FORANODISING QUALITY LABEL INDUSTRIJALI TS-EN 755-8 TS-EN 755-9 TS 4922

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* σ_{T4} tal-ħajt σ_{T5} Stress ta' Rendiment Qawwa tat-tensjoni Titwil Ebusija Brinell

- σ_{T4} mm Rp0,2 min Mpa Rm min Mpa Min A50mm % - Max A % HB**

T4 σ_{T4} 75 125 14 - 12 46

T5 σ_{T5} 150 110 8 - 6 60

T6 σ_{T6} 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 σ_{T4} tal-ħajt differenti fi σ_{T5} dan il-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' α

(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

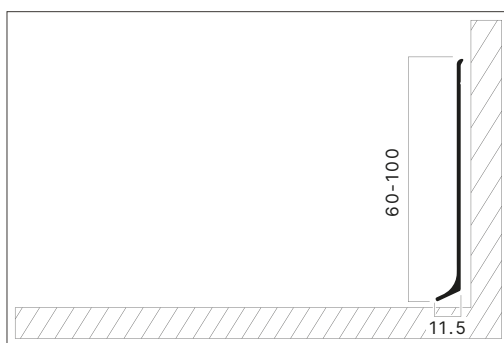
Tpingijiet originali u pagni ta' referenza

Product Datasheet



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

Velo aluminium skirting board provides skirting solutions especially for wet areas like bathrooms and kitchens. It takes up less space and offers ease of installation. It provides leak proofing as well as aesthetics by covering the wall-floor joint defects especially on wet areas. It can be used in oval wall applications as it is suitable for bending. 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. Velo provides a flush appearance with the wall and does not cause any loss of space. Velo aluminium skirting board can be easily installed by directly applying adhesive. Corners can be assembled by cutting the profile to 45 degrees. Velo aluminium 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