Sistemi MOX - dokumentazzjoni teknika

datasheet-line-us-en.pdf

Traduzzjoni teknika: ikkonsulta t-tpinġijiet oriġinali 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: Line

Isem tal-Prodott Line

Deskrizzjoni tal-Prodott Profil ta 'Xfer ta' l-Aluminju ta 'l-Art

Oġġett Nru LNE

Qasam ta' Użu Pubbliku, Uffiċċju, Residenzjali

Materjal EN AW 6463 T6, EN AW 6061 T6

Tul 8’

Wiċċ Anodizzat

Il-profil tat-tarf tal-art tal-aluminju Line huwa għażla eċċellenti għal diversi proġetti bl-istruttura versatili, durabbli u ħafifa tagħha li tagħlaq id-distakk bejn l-art.

Il-profil tat-tarf tal-art tal-aluminju Line huwa ddisinjat biex jagħlaq il-lakuni bejn il-madum tal-art tal-istess għoli.

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

B'differenza mill-kompetituri tiegħu, jispikka bil-ħxuna tal-kisi u l-kwalità tal-anodizzar.

Line tagħlaq perfettament id-distakk bejn l-artijiet bil-forma ċatta tagħha.

Il-profil tat-tarf tal-art tal-aluminju Line huwa mmuntat faċilment billi tagħfas minn fuq wara li tapplika silikon jew ġonta għad-distakk bejn żewġ sulari.

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

Il-profil tat-tarf tal-art tal-aluminju Line għandu għażla ta 'kisi anodizzat qawwi f'kuluri fidda u isfar.

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 Ħsara kkawżata minn muntaġġ

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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-wiċċ, 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 elastiċità termali

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

28-34 200-220 10^{-6}/K ~70

Weldability[1]

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-magni[1]: T4 Temper 3 / T5, T6 Temper 2

Proprjetajiet tal-kisi[1] Anodizzar iebes/protettiv: 1 / Dekorattiv / qawwi / anodizzazzjoni bil-kulur: 2

Reżistenza għall-korrużjoni[1] Ġenerali: 1 Marittimu: 2

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

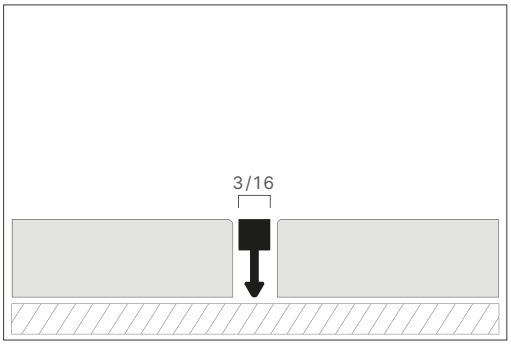
Paġna 2/2

Tpinġijiet oriġinali u paġni ta' referenza

Product Datasheet

Manufacturer	Mox Profile Systems
Document Title	Design and quality: Line
Product Name	Line
Product Description	Aluminium Flooring Edge Profile
Item No	LNE
Area of Use	Public, Office, Residential
Material	EN AW 6463 T6, EN AW 6061 T6
Length	8’
Surface	Anodised

Line aluminum flooring edge profile is an excellent choice for various projects with its versatile, durable and lightweight structure that closes the gap between floorings. Line aluminum flooring edge profile is designed to close the gaps between floor tiles of the same height. 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. Line perfectly closes the gap between floors with its flat form. Line aluminum flooring edge profile is easily mounted by pressing from the top after applying silicone or joint to the gap between two floors. Corners can be assembled by cutting profile to 45 degree. Line aluminum flooring edge profile has a bright anodized coating option in silver and yellow colors.



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/m^3)	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

Weldability[1]

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 redured by approximately 50% (ref. EN1999-1).

Machining characteristics[1]: T4 Temper 3 / T5, T6 Temper 2

Coating properties[1] Hard/protective anodising: 1 / Decorative / bright / colour anodising: 2

Corrosion resistance[1] General: 1 Marine: 2

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