

MOX Systems - doiciméadú teicniúil

datasheet-square-fix-us-en.pdf

Aistriúchán teicniúil: féach ar na bunlíneacha agus ar na leathanaigh thagartha le haghaidh toisí.

Leathanach foinse 1

Bileog Sonraí Táirge

Córais Próifíl Mox Monaróir

Teideal an Doiciméid Dearadh agus cáilíocht: Square-Fix

Ainm Táirge Square-Fix

Cur síos ar an Táirge Cúinne Seachtrach Cearnóg Baile Átha Troim Tíleanna Alúmanam

Mír Uimh SQF

Réimse Úsáide Seomra Folctha, Cistin

Ábhar EN AW 6463 T6, GA AW 6061 T6

Fad 8'

Púdar Dromchla Brataithe, Anodised, Chrome Plátáilte

Cuireann Square Fix tíl alúmanaim Baile Átha Troim cúinne seachtrach cearnach aeistéitic le do iarratas ceirmeacha lena raon leathan de roghanna dromchla ag luí le dathanna agus uigeachtaí ceirmeacha trending.

Úsáidtear é i joints cúinne seachtracha 90 céim d'iarratais ceirmeacha.

Chomh maith le aeistéitic a sholáthar a chuirfidh deireadh le lochtanna comhpháirteacha agus iarratais, seachnaíonn sé damáiste do chriadóireacht freisin.

Tá sé thar a bheith durable agus fada buan ós rud é go ndéantar é a tháirgeadh ó amhábh ar ardchaighdeán agus go bhfuil ballaí tiubh aige.

Murab ionann agus a chuid iomaitheoirí, seasann sé amach lena tiús sciath agus cáilíocht anodizing, agus lena iarratas pretreatment a sholáthraíonn friotaíocht creimeadh i péintéireacht púdar leictreastatach.

Soláthraíonn Square Fix casadh foirfe ar choirnéil seachtracha tíleanna ceirmeacha.

Is féidir cúinne seachtrach cearnach tíl alúmanaim Square Fix a shuiteáil go héasca trí ghreamaitheacha tíl a chur i bhfeidhm ar shíntí comhpháirteacha agus trí thíleanna tadhlacha a bhrú go daingean ina n-áit.

Is féidir coirnéil a chur le chéile tríd an bpróifíl a ghearradh go 45 céim.

Tá próifíl cúinne seachtrach cearnach tíl alúmanaim Square Fix Baile Átha Troim Tá roghanna péinteáil púdar Neamhlonrach anodized, geal anodized agus leictreastatach.

Cé go bhfuil airgead, buí, inox, cótaí dath anodized dubh ar fáil, is féidir é a phéinteáil freisin go dtí an cód RAL atá ag teastáil le péintéireacht púdar leictreastatach.

Leathanach 1/2

Bharántas

Tá an táirge seo faoi bharántas ar feadh 5 bliana ón dáta fála ach amháin i gcás na n-earráidí úsáideora mar a liostaítear thíos:

Damáiste de bharr tionchair Damáiste de bharr scríobadh Damáiste de bharr teagmhála le substaint scríobach nó oibreáin ghlantacháin cheimiceacha Damáiste de bharr teagmháil fhada le huisce Damáiste

de bharr nochtheadh do theocht dhian Damáiste de bharr montáis

LANOITANRETNÍ FORANOISING CÁILÍOCHTLIPÉAL TIONSCAIL TS-GA 755-8 TS-GA 755-9 TS 4922

Leathanach foinse 2

BILEOG SONRAÍ ALLOY

GA AW 6463 T6 [AlMg0.7Si]

Áit Úsáide

Is cóimhiotal easbhrúite é an cóimhiotal EN AW-6463 a úsáidtear go forleathan, atá oiriúnach d'iarratais nach dteastaíonn ach airíonna neart measartha.

Is féidir le codanna a bheith

a tháirgtear le caighdeán maith dromchla, oiriúnach le haghaidh go leor oibríochtaí sciath.

Is iad na gnáthréimsí feidhmchláir ná troscán, ábhair chríochnaithe, fuinneoga agus doirse, bailchríoch carr-charr, tógáil aghaidheanna, colúin soilsithe agus cuailí bratach.

Comhdhéanamh ceimiceach de réir EN573-3 (meáchan%, fuílleach Al)

Si Fe Cu Mn Mg Cr Zn Ti Al

0,20 - 0,60 Uasmhéid 0,15 0,2 Uasmhéid 0,5 0,45 - 0,9 - Uasmhéid 0,05 Uasmhéid 0,1 Sos

Airíonna meicniúla de réir EN755-2

Teocht* Tiús an Bhalla e*** Strus Toradh Neart Teanntachta Fadú Brinell Cruas

- e* mm Rp0,2 nóim Mpa Rm nó Min Mpa A50mm % - Uasta 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

* Ainmniú teochta de réir EN515: T4-Aois nádúrtha go riocht cobhsaí, T5-cooled ó oibríocht fhoirmiú teocht ardaithe agus

d'aois go saorga, teaschoireáil T6-Solution, múchta agus aois shaorga,

** Is le haghaidh tásc amháin atá luachanna cruas,

*** I gcás tiús bhallaí éagsúla laistigh d'aon phróifíl amháin, measfar go bhfuil na hairíonna sonraithe is ísle bailí do thrasghearradh iomlán na próifíle.

Airíonna fisiceacha (neasluchanna, 20°C)

Dlús Raon Leáphointe Leictreach Teirmeach Comhéifeacht de Modulus de

(kg/m³) (°C) seoltacht seoltacht leaisteachas teirmeach

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

28-34 200-220 10⁻⁶/K ~70

Táthú¹

Gás: 3 TIG: 2 MIG:2

Ábhair líonta tipiciúla (EN ISO18273): SG-AlMg5Cr(A) nó AlSi5, agus AlMg3 nuair is gá an táirge a anóidiú.

Mar gheall ar an ionchur teasa le linn táthú an

déanfar airíonna meicniúla a athchur faoi thart ar 50% (tag.

EN1999-1).

Saintréithe meaisínithe¹: T4 Teocht 3 / T5, T6 Teocht 2

Airíonna brataithe¹ Anóidiú crua/cosanta: 1 / Maisiúil / geal / anóidiú datha: 2

Friotaíocht chreimeadh¹ Ginearálta: 1 Mara: 2

¹Cáilíocht choibhneasta ó 1 - an-mhaith go 6 mhí-oiriúnach

Leathanach 2/2

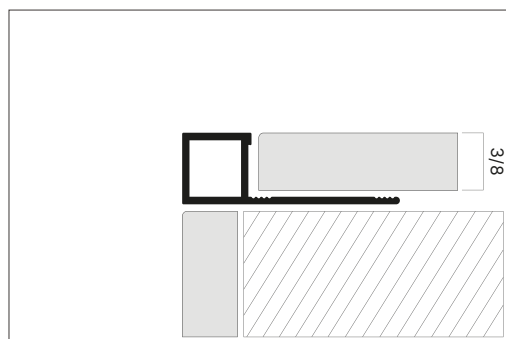
Líníochtaí bunaidh agus leathanaigh tagartha

Product Datasheet



Manufacturer	Mox Profile Systems
Document Title	Design and quality: Square-Fix
Product Name	Square-Fix
Product Description	Aluminium Tile Trim Square External Corner
Item No	SQF
Area of Use	Bathroom, Kitchen
Material	EN AW 6463 T6, EN AW 6061 T6
Length	8'
Surface	Powder Coated, Anodised, Chrome Plated

Square Fix aluminium tile trim square external corner adds aesthetics to your ceramic applications with its wide range of surface options compatible with trending ceramic colors and textures. It is used in 90 degrees outer corner joints of ceramic applications. In addition to providing aesthetics that will eliminate joint and application flaws, it also prevents damage to ceramics. 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. Square Fix provides perfect turns on external corners of ceramic tiles. Square Fix aluminium tile trim square external corner can be easily installed by applying tile adhesive to joint extensions and firmly pressing adjoining tiles into place. Corners can be assembled by cutting the profile to 45 degrees. Square Fix aluminium tile trim square external corner profile has matte anodized, bright anodized and electrostatic powder painting options. While silver, yellow, inox, 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