



**PT KARYA
EVEREST PACIFIC**

STAIR NOSING



Why choose Meishuo Stair Nosing?

- More than 30 tests according to American Standard.
- P5 classification Tested in AU lab.
- Up to 20 years' experience.
- SGS&ISO9001 Certified factory.
- Products used for big over-seas projects like 2022 Doha World Clup Lusail Stadium,Egypt CBD project.
- Accept personalized small order customization.
- Continuous technical support and efficient service.
- Products exported to more that 120 countries or regions.

Safety Stair Treads And Nosings

美硕防滑条是由金刚砂(主要成分碳化硅)及其他特殊防滑材料制成,以确保行人安全。美硕所指的楼梯踏面有时也被称为防滑贴、止滑条、防滑踏步或台阶踏步。楼梯和其他结构表面(如平台,人行道和坡道)的防滑条,可降低行人滑倒及跌倒的风险,保证公共安全。对于业主来说,也是减少诉讼问题的一大保障;

防滑条还可以保护底层地板表面免受损坏以及持续的磨损。

根据所符合的澳大利亚建筑规范制定的行业标准,防滑条和防滑踏步必须安装在所有行人坡道、楼梯和平台,特别是在人流量大的地区或有紧急通道的地方。

Stair treads or nosings are made from non-slip silicon carbide or other special non-slip materials to help ensure pedestrian safety. What Meishuo refers to as stair tread nosings are sometimes also referred to as treads, step treads, anti-slip nosings,slip resistant nosings ,or step nosings, Essentially they all have the same function, which is to improve visual contrast&grip on stairways to promote pedestrian and public safety.

Our Aluminium and Brass safety stair tread nosings are suitable for both internal and external applications. We manufacture a wide range of profiles to be architecturally appealing for various applications. These profiles also are designed to accommodate the requirements of different Australian and international standards and building codes.

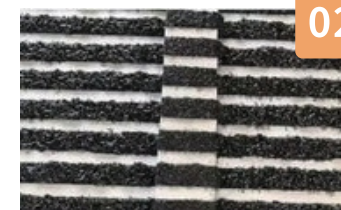
PRODUCT CHARACTERISTICS



01

合规性和测试信息:美硕防滑条设计符合AS-1428.1-2021标准。由NATA认可的实验室进行测试,测试结果符合AS4586-2013标准,可达到P5(最高级别)等级的防滑效果。

Compliance and Testing Information: The Meishuo aluminum stair tread nosings are designed to comply with AS-1428.1-2021. The stair nosing features high grade aluminum construction with a carborundum insert, with P5 slip rating from a NATA approved laboratory, tested to AS4586-2013.



02

填充材料:金刚砂、玻璃钢、EPDM、PVC等,适用于室内外多种场景,防滑耐磨,使用年限久。

Infill Material: The stair nosings are filled with resistant silicon carbide, FRP, EPDM, PVC for heavy or light duty applications, super hard wearing with long lifespan up to many years.



03

表面处理:铝合金采取阳极氧化处理。可根据客户实际需求,对型材进行黑色硬质阳极氧化加工处理,表面可高达40微米。

Finishes: Aluminum stair nosing is supplied in anodized finish. If required, the profiles can be supplied with hard anodized finish. The black hard anodized finish can be up to 40μm.



04

填充物可选颜色范围:金刚砂和PVC橡胶可调整为黑色、黄色、灰色、白色等等;数十种不同的颜色可供选择。金刚砂贴可分为黑色、安全黄、灰色、白色、红色、蓝色、发光、危险(黑黄)等等;玻璃钢有黄色和黑色可供选择,亦可混色使用。

Insert Color Range: The carborundum insert and the PVC rubber of aluminum stair nosing can be black, yellow, grey, white or other. More than 10 different colors are available. The carborundum tape can be black, safety yellow, grey, white, red, blue, luminescent, hazard (black & yellow). Fiberglass stair nosing can be yellow and black.

Aluminum Base Frame With Durable Carborundum Insert

Surface Mounted

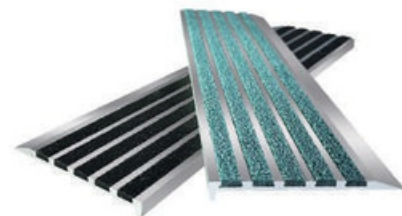
The Meishuo Tread System is designed to provide complete versatility. The inserts are fixed into the rebate using only epoxy adhesive with no drilling required, making them customers preferred choice. The range are specifically designed for both internal and external use and can be used in many flooring types such as concrete, terrazzo, marble and timber treads.

- ◉ Anodized aluminum finishes
- ◉ Colour matching service available
- ◉ Contemporary appearance
- ◉ Hard wearing
- ◉ Aluminium nosings to suit wide range of substrates
- ◉ Ideal for retro-fitting and new staircases
- ◉ Options for interior and exterior use
- ◉ Highest P5 slip resistance rating
- ◉ Compliant with American Standard with more than 30 tests
- ◉ Large range of nosing insert options, available in aluminium, ribbed polymer, grit, luminescent and self-adhesive



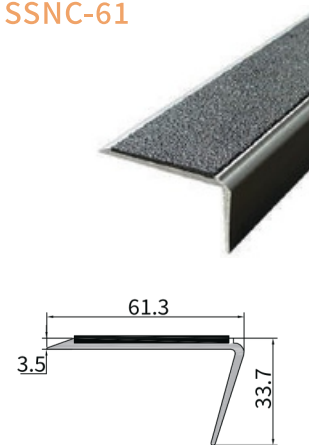
金刚砂(碳化硅)由于化学性能稳定、导热系数高、热膨胀系数小、耐磨性能好,作为防滑材料嵌入铝合金基座,防滑条整体协调美观,实用性强,使用在楼梯台阶等位置,既保护了装饰面又起到踏步防滑保障行人安全的作用,多种型号尺寸规格,颜色可调整,美硕金刚砂防滑条品质过关,质检保障,是您的第一选择。

- ◉ 防滑条采取平铺安装形式,安装方便且实用
- ◉ 金刚砂嵌入铝合金基座,防滑效果显著,阳极氧化铝合金基座,经久耐用
- ◉ 打胶或者螺丝固定安装方式,十年及以上质保时间,质检齐全,使用安心
- ◉ 多种尺寸,详见下图,实物图皆为样品实拍展示,图纸尺寸准确可参考

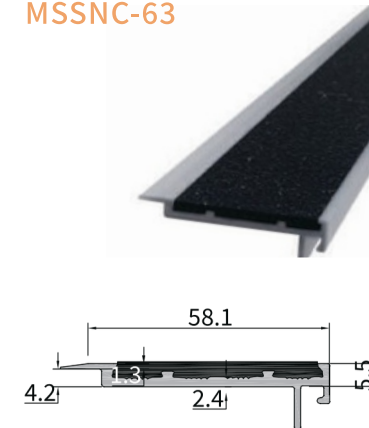


金刚砂防滑条表面安装一道砂

MSSNC-61



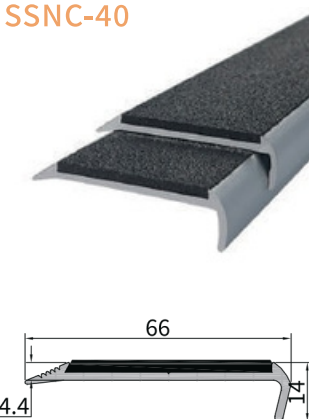
MSSNC-63



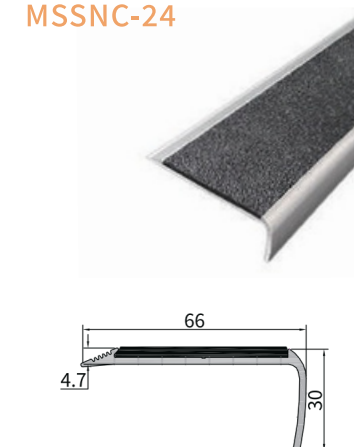
MSSNC-6



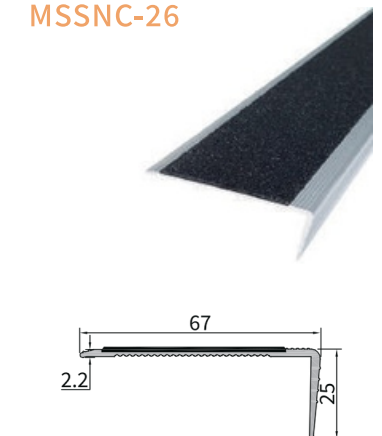
MSSNC-40



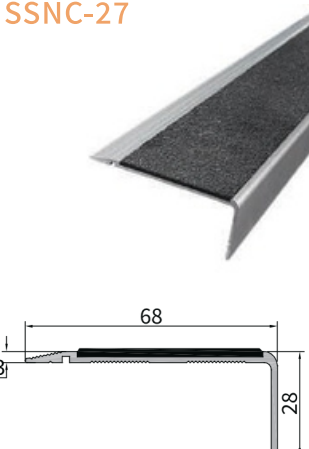
MSSNC-24



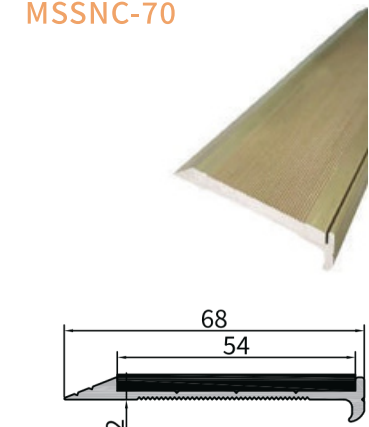
MSSNC-26



MSSNC-27



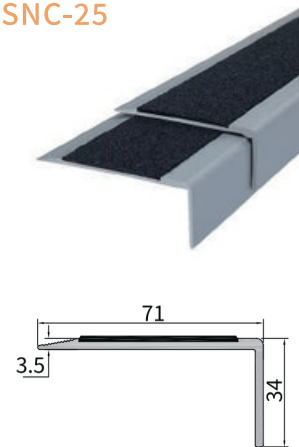
MSSNC-70



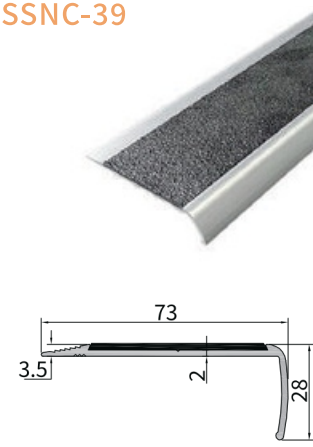
MSSNC-43



MSSNC-25



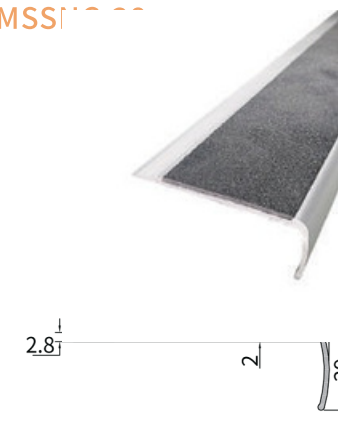
MSSNC-39



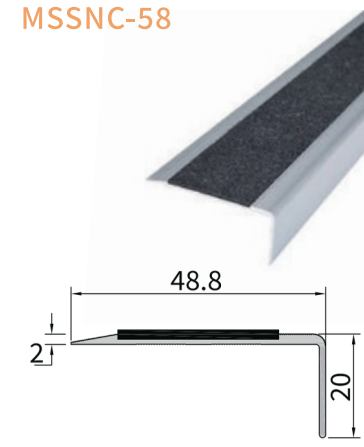
MSSNC-17



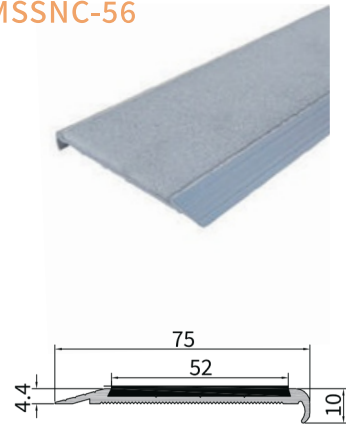
MSSNC-58



MSSNC-58



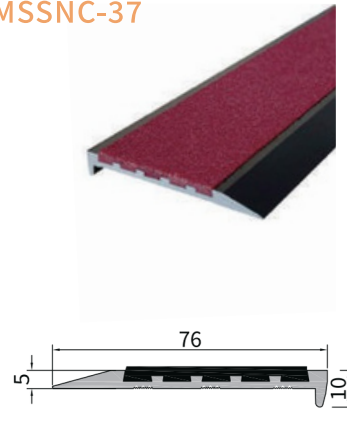
MSSNC-56



MSSNC-68



MSSNC-37

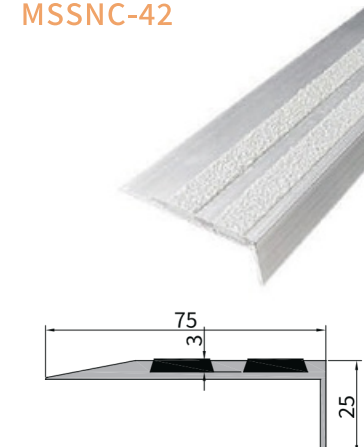


金刚砂防滑条表面安装二道砂

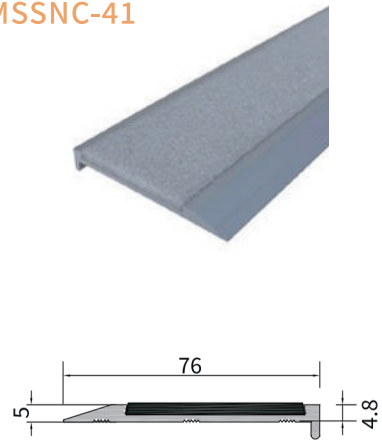
MSSNC-49



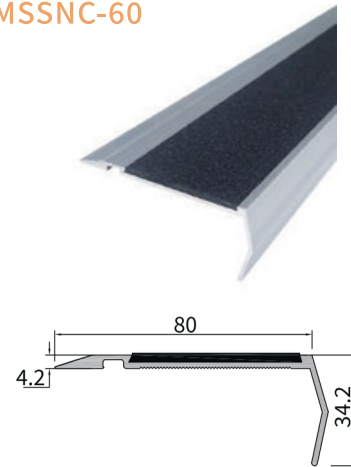
MSSNC-42



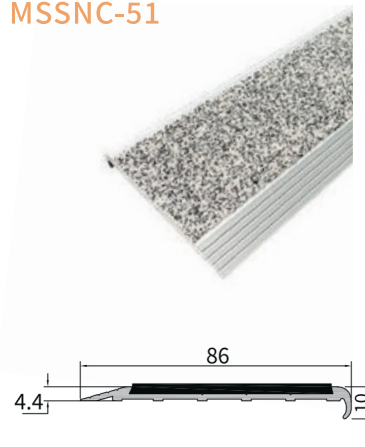
MSSNC-41



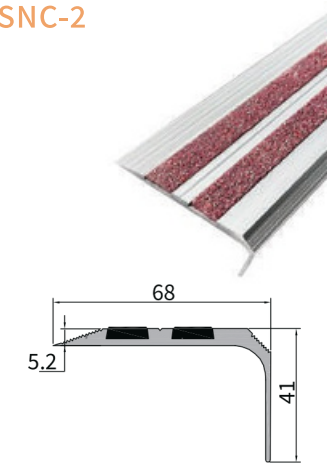
MSSNC-60



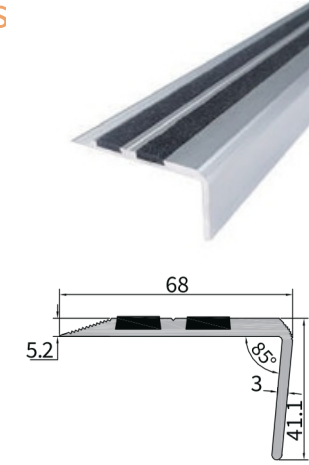
MSSNC-51



MSSNC-2

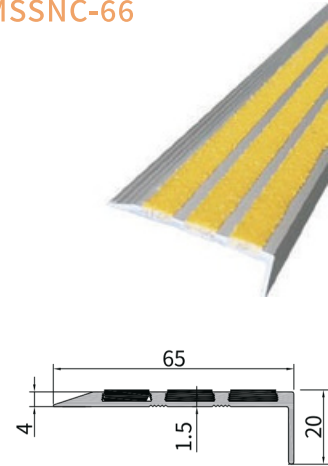


MS

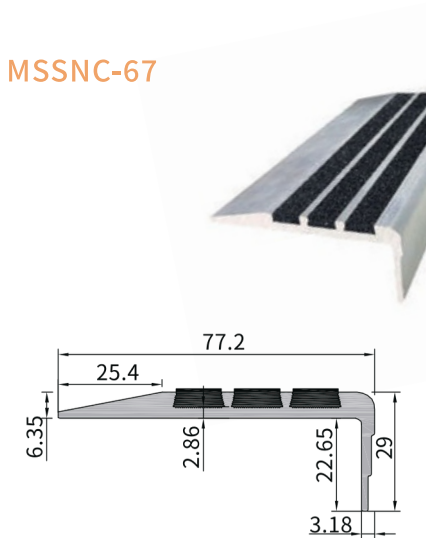


金刚砂防滑条表面安装多道砂

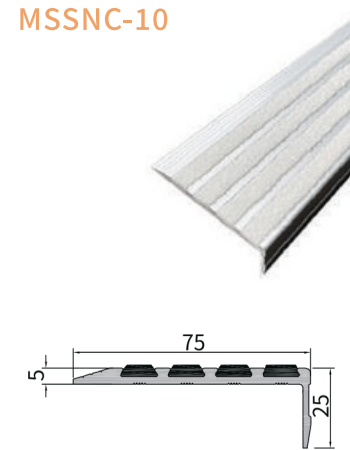
MSSNC-66



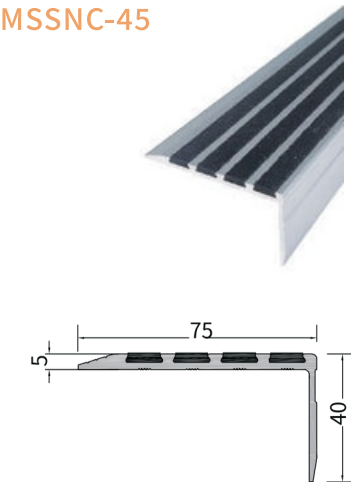
MSSNC-67



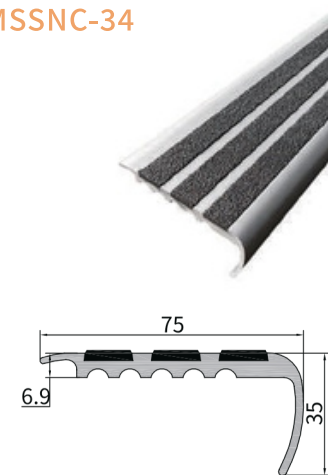
MSSNC-10



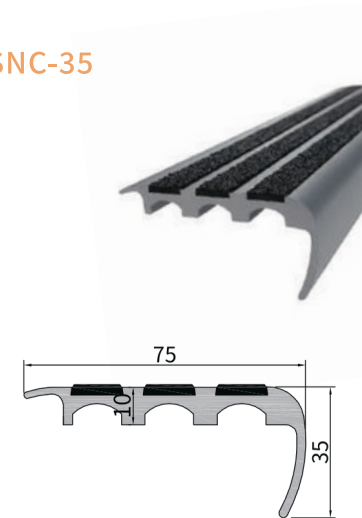
MSSNC-45



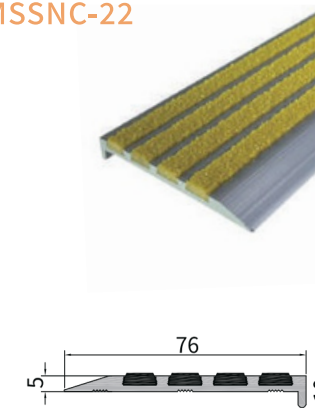
MSSNC-34



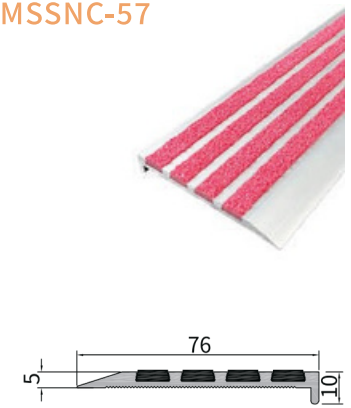
MSSNC-35



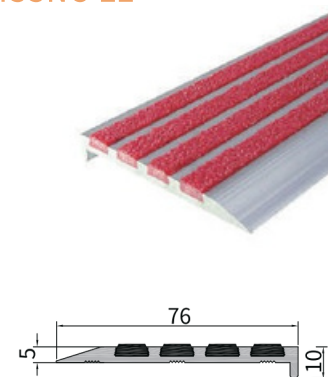
MSSNC-22



MSSNC-57



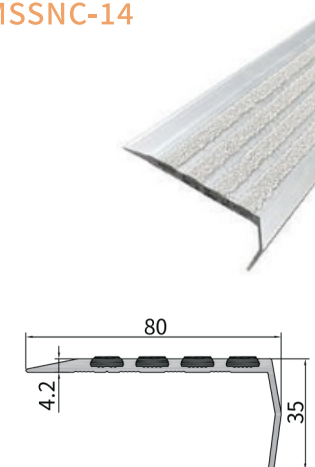
MSSNC-22



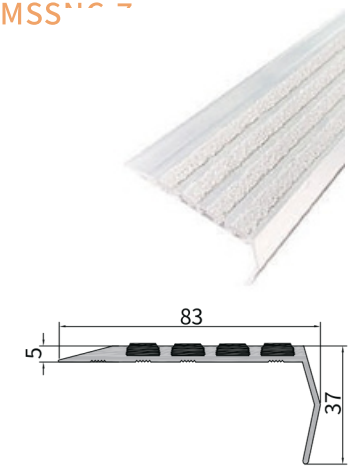
MSSNC-5



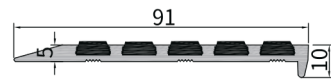
MSSNC-14



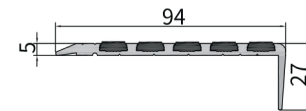
MSSNC-7



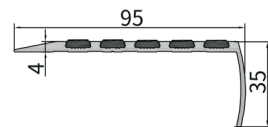
MSSNC-5



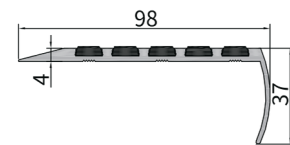
MSSNC-9



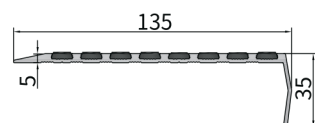
MSSNC-10



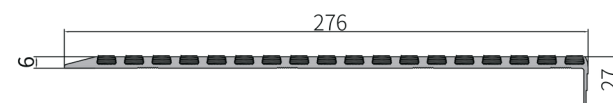
MSSNC-11



MSSNC-12

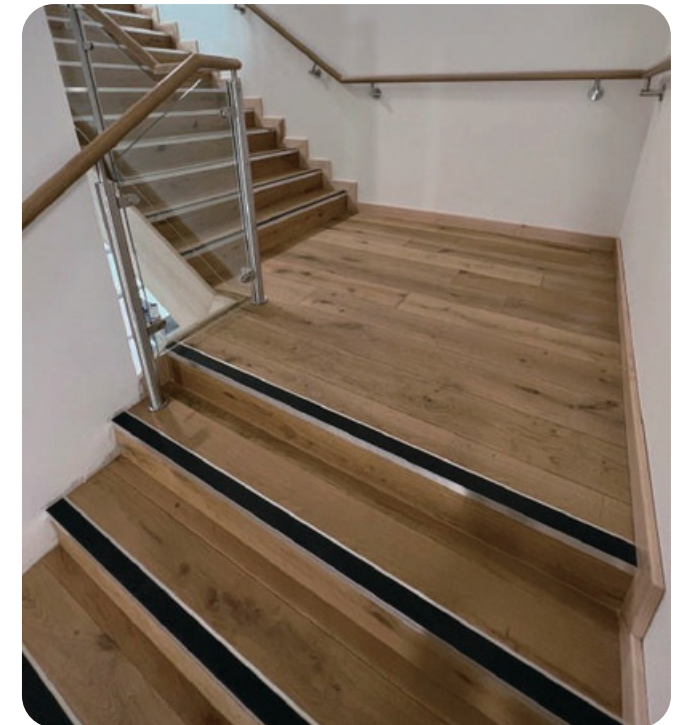
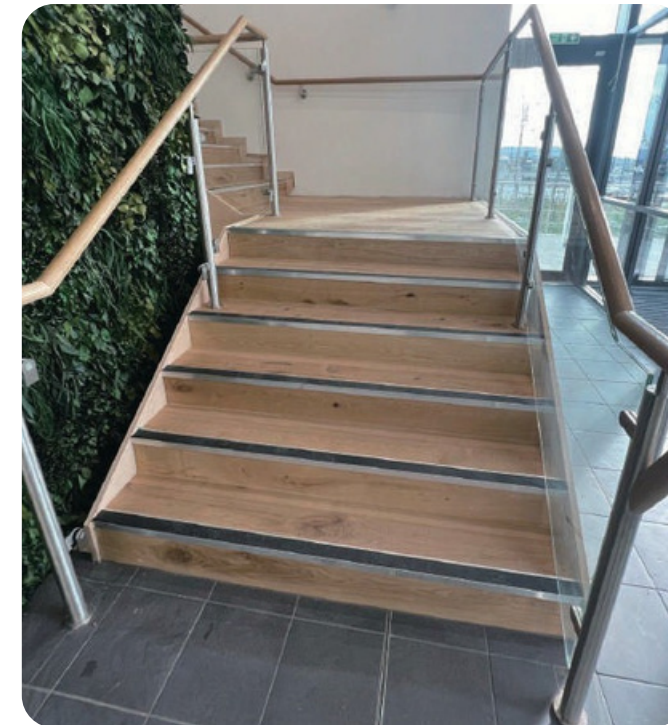


MSSNC-17



DISPLAY OF SOME ENGINEERING RENDERINGS

Designs and specifications subject to change without notice



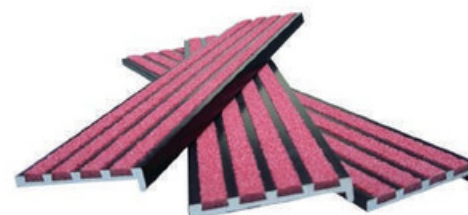
Recess Mounted

Meishuo Recess Mounted Safety Stair Tread Nosings are designed for new and existing applications where pedestrian safety, stair appearance and stair longevity are of particular concern. The treads can be recessed into new work or recessed into existing floor finishes. All Meishuo Recess Mounted Safety Stair Tread Nosings are suitable for internal or external applications and are available in a range of standard options and a wide selection of colors. Series tread profiles let you achieve the exact functionality and look that you need.

- ◉ Anodized aluminum finishes
 - ◉ Different base profiles to suit every installation application-concrete, pavers, stone, timber, steel etc.
 - ◉ Highest slip rating
 - ◉ Colour matching service available
 - ◉ Modern, low profile and streamlined
 - ◉ Large range of nosing insert options, available in aluminium, ribbed polymer, grit, luminescent and self-adhesive
 - ◉ Highest P5 slip resistance rating
- Compliant with American Standard with more than 30 tests



- ◉ 防滑条采取下沉内嵌安装形式, 安装效果美观且实用
- ◉ 用于室内外不同施工地面如混凝土坡道、石阶、木质台阶等;
- ◉ 最高P5防滑等级, 符合AS4586-2013标准.
- ◉ 多种尺寸, 详见下图, 实物图皆为样品实拍展示, 图纸尺寸准确可参考

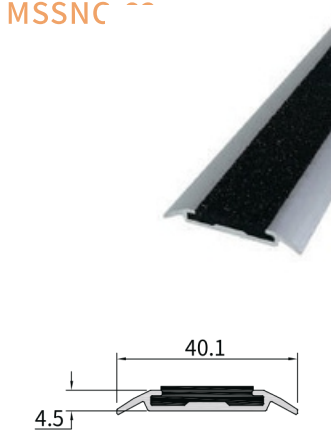


金刚砂防滑条下沉式一道砂

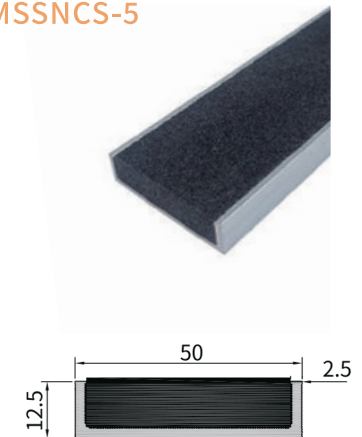
MSSNC-38



MSSNC-40



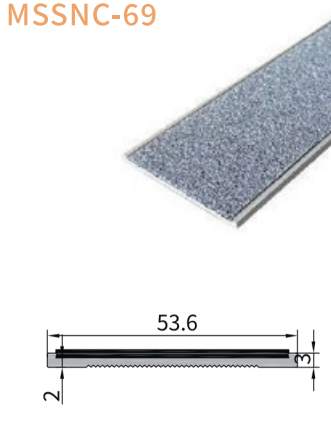
MSSNCS-5



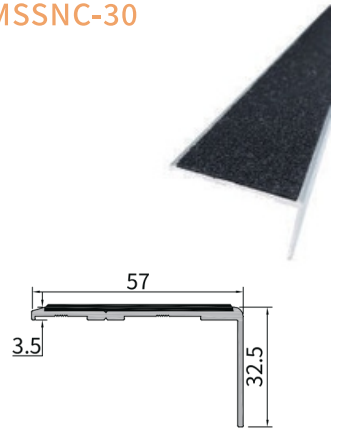
MSSNCS-6



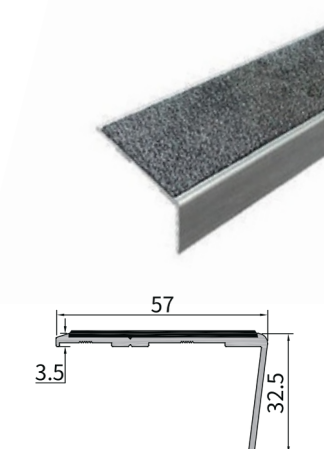
MSSNC-69



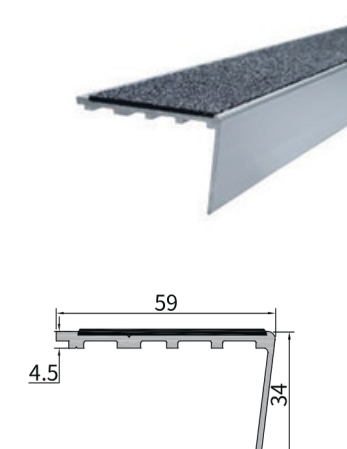
MSSNC-30



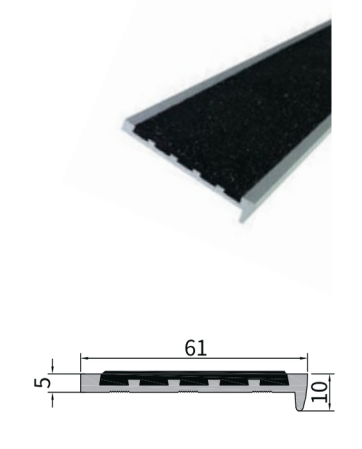
MSSNC-31



MSSNC-32



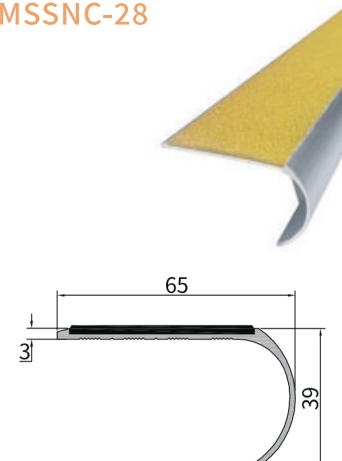
MSSNC-36



MSSNC-65



MSSNC-28



金刚砂防滑条下沉式多道砂

MSSNC-55



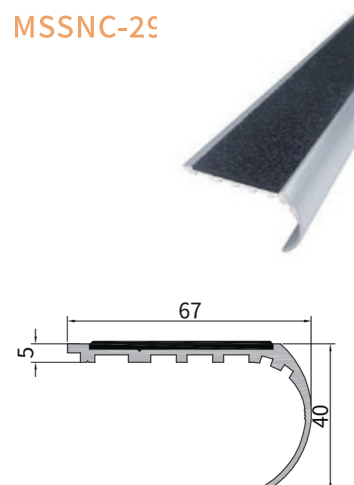
MSSNC-54



MSSNC-53



MSSNC-29



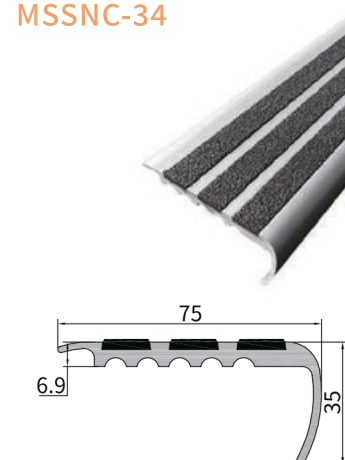
MSSNC-53



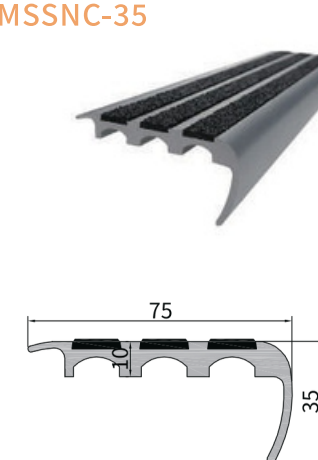
MSSNC-4



MSSNC-34



MSSNC-35



MSSNC-3



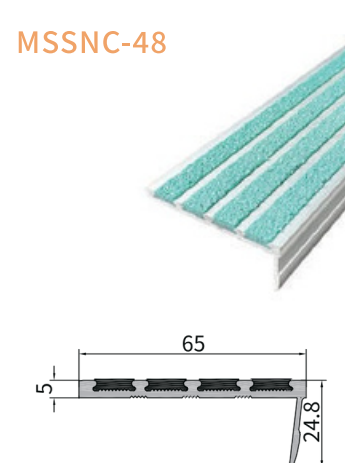
MSSNC-53



MSSNC-59



MSSNC-48



MSSNC-16



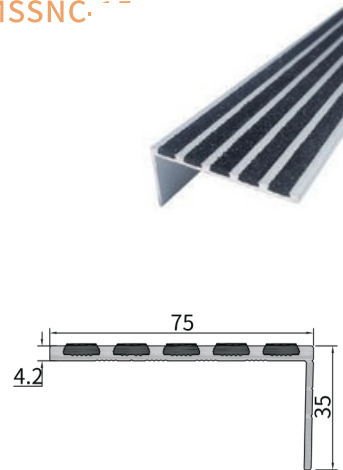
Anchoring Systems

Meishuo Anchoring System are available for most stair tread profiles. These systems offer hidden screw fixings and can be cast in place. The anchoring stair nosing is made from an extruded aluminum base with abrasive material locked into the channel. The material is consistent throughout the tread and features a new durable, serrated aluminum nose. The nosings are equally durable and effective on surfaces including poured and precast concrete, steel-pan cement filled stairs and terrazzo stairs. We use high-quality materials in our anchors, which consist of heavy-duty, heat-treated aluminum extrusion with proprietary mineral abrasive anti-slip epoxy-filler laid into the metal. Our products are built to last as long as the building does. This inlay is created from a mixture of colorfast epoxy-filled abrasive mineral grits. These treads are both chemical resistant and will resist damage from UV rays.

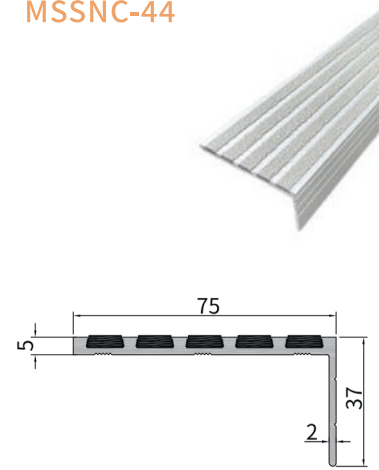
- Easy to maintain
- Ideal for high traffic areas
- To be installed into the wet concrete
- Firm and stable
- Ideal for indoor and outdoor applications

这两款为美硕锚固定内嵌式防滑条。这种防滑条通过隐藏的螺钉固定，可以使防滑条有更好的抓地性。安装后牢固稳定，不易脱落损坏。该防滑条铝合金基座上的锯齿状结构，使得金刚砂与其完美契合。室内外均适用。

MSSNC-11



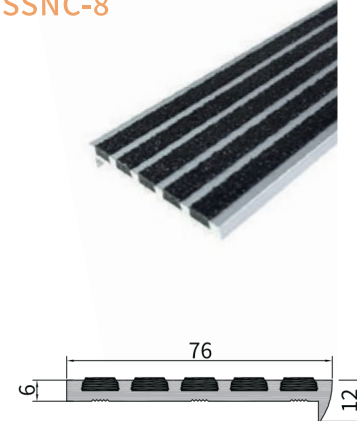
MSSNC-44



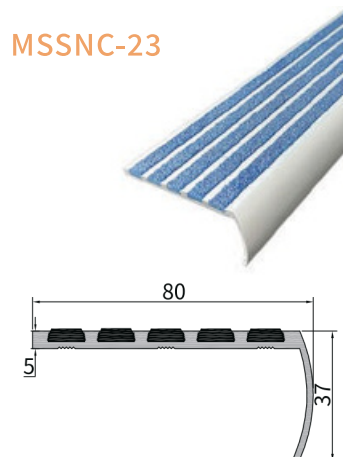
MSSNC-21



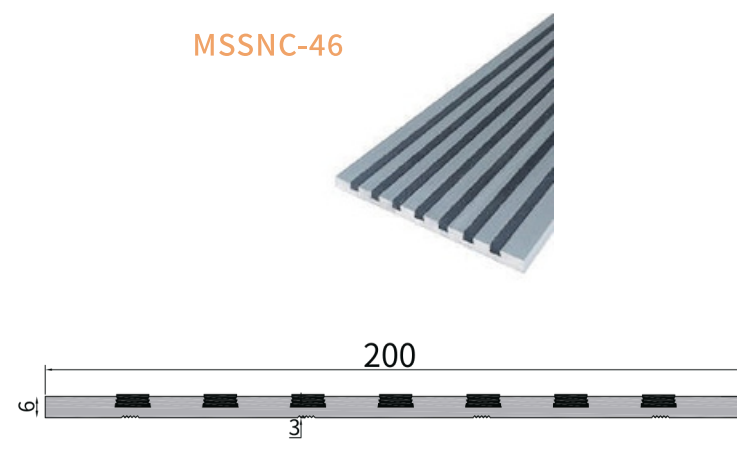
MSSNC-8



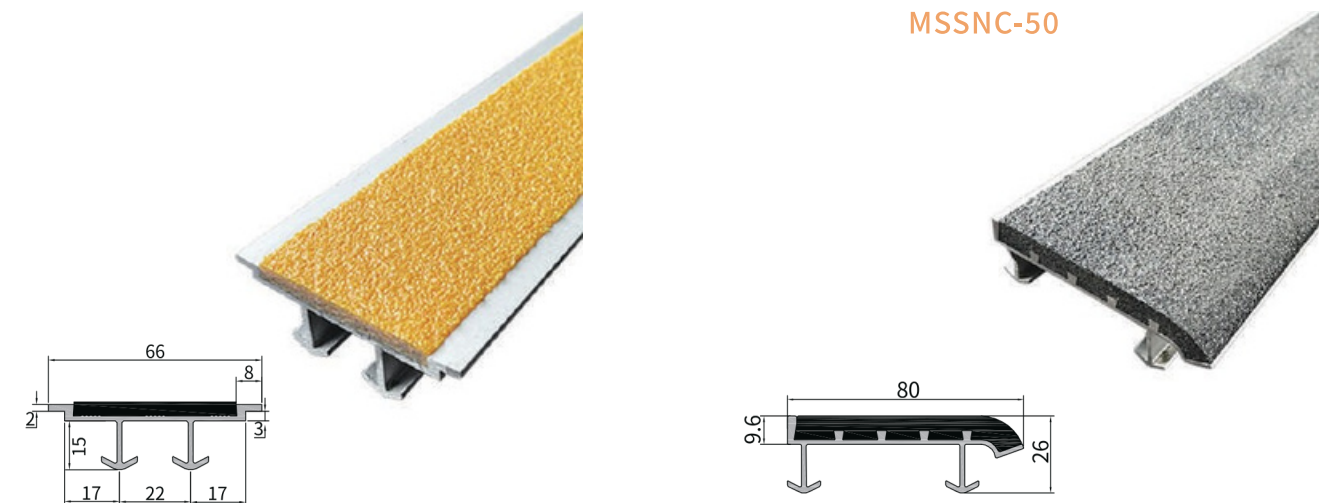
MSSNC-23



MSSNC-46



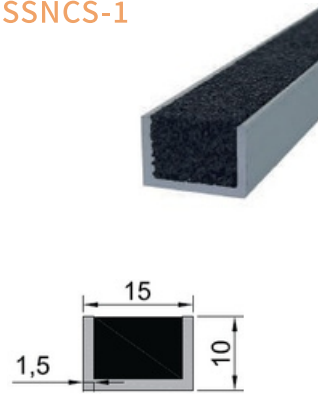
MSSNC-50



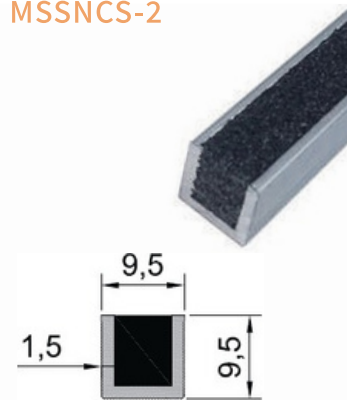
坡道防滑条

极简风格的坡道防滑条由铝合金基座以及金刚砂填充物组成,使用场景以停车场坡道、楼梯石阶、木质台阶为主,嵌入式安装,牢固稳定,表面只露出金刚砂部分,金刚砂颜色可根据业主需求定制,性价比极高。

MSSNCS-1



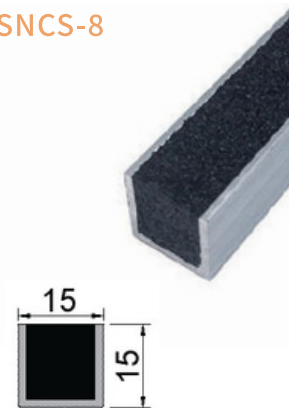
MSSNCS-2



MSSNCS-3



MSSNCS-8



MSSNCS-9.5*9.5
U型



MSSNCS-10*6
U型



MSSNCS-15*6
U型



MSSNCS-15*10
U型



MSSNCS-20*6
U型



MSSNCS-19*12.5
H型



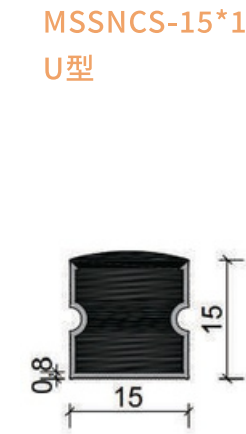
MSSNCS-15*15
H型



MSSNCS-20*20
H型



MSSNCS-15*15
U型



Other Types Of Stair Nosings

Fiberglass Stair Nosing

楼梯玻璃钢防滑条 (或称防滑勾子板) 采用优质玻璃纤维增强树脂制造, 优良原料生产, 质量可靠且支持定制, 表面防滑颗粒处理美观、耐磨、强度高、耐腐蚀, 对各种化学品和石化溢出物、盐水、烟气和耐火性具有优异的抵抗力, 应用领域广泛, 如机械、化工、石化、造纸厂、食品厂等设备。多种尺寸选择, 实用性高。

Fiberglass stair treads and stair covers are an essential complement to molded and pultruded grating installations, suitable for surface mount applications. Designed to meet or exceed building code standards.

- Ideal for industrial use
- Withstands extreme conditions
- Withstands high levels of moisture
- Resistant to most chemicals
- Non-conductive and fire resistant
- Highest P5 slip resistance rating
- Options for interior and exterior use

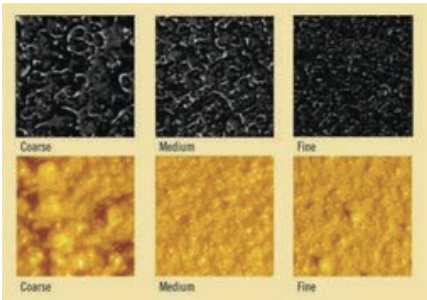
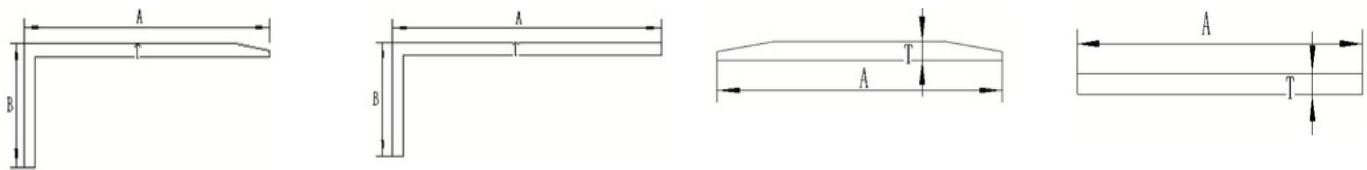


玻璃钢尺寸表 FRP Stair Nosing Sizes

COMMONLY USED L-TYPE FRP STAIR NOSING	
YELLOW&BLACK	FRP-32*32*4
YELLOW&BLACK	FRP-50*25*3.2
YELLOW&BLACK	FRP-70*30*3.2
YELLOW&BLACK	FRP-230*30*3.2

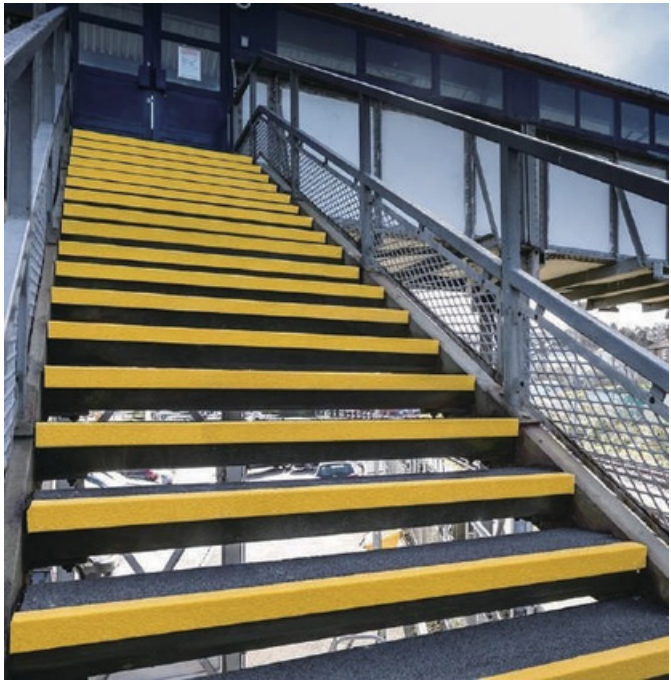
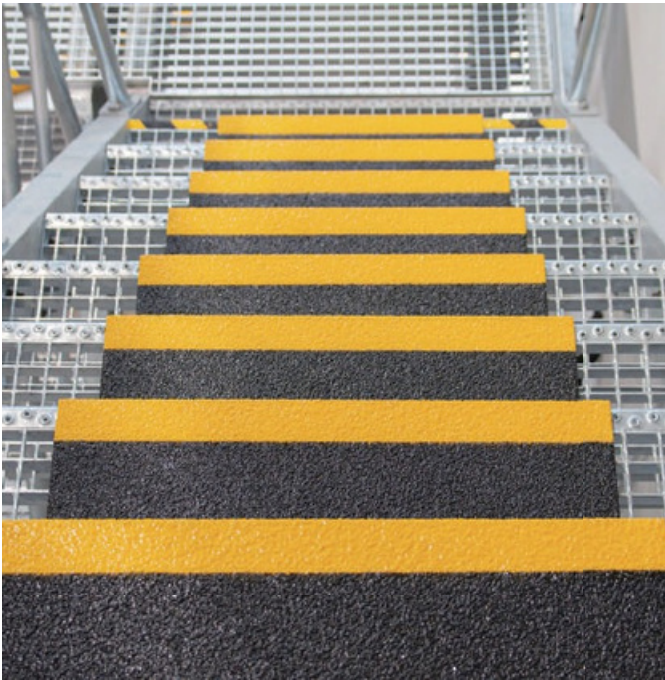
FRP ANTI-SLIP STRIP	
Yellow&Black	FRP-50*2
Yellow&Black(斜边)	FRP-50*3
Yellow&Black(斜边)	FRP-50*3.2
Yellow&Black(斜边)	FRP-100*3.2
Yellow&Black(斜边)	FRP-120*3.2

金刚砂颜色、款式 FRP Stair Nosing Designs & Colors



DISPLAY OF SOME ENGINEERING RENDERINGS

Designs and specifications subject to change without notice



Led&luminous Stair Nosing

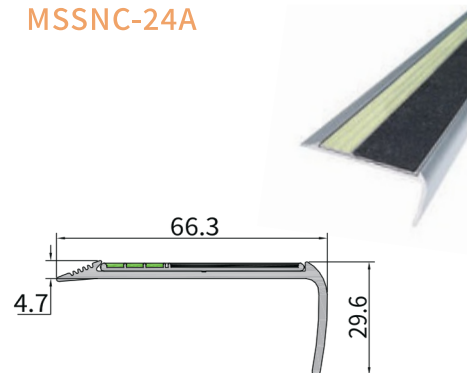
Meishuo Stair Tread Nosings feature a glow-in-the dark luminescent infill. The luminescent pale green infill temporarily glows in the dark after exposure to artificial or natural light. (The contrast of surface to the safety tread is ideal in any location which experiences temporary darkness, such as stairwells, emergency exits, entertainment facilities and theaters.)

该款美硕楼梯踏面装饰采用夜光物质填充。当暴露在人造光或自然光下，发光的淡绿色填充物在黑暗中发光。(在任何黑暗的地方，如楼梯、紧急出口、娱乐设施和剧院，与黑暗的对比度都是理想的)。其中下图中的MSSNC-FL款可另加灯带。

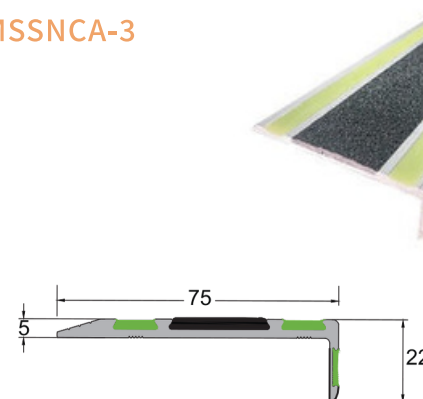
夜光铝条(可定制)

Chose between an embedded resin strip with superior glow or abrasive grit insert with exceeds code requirements.

MSSNC-24A



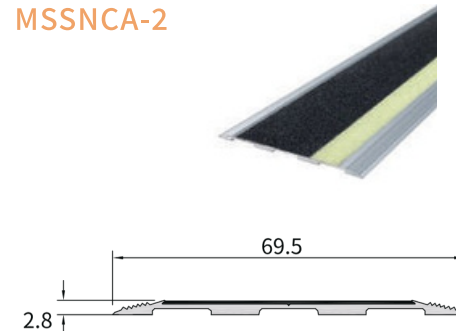
MSSNCA-3



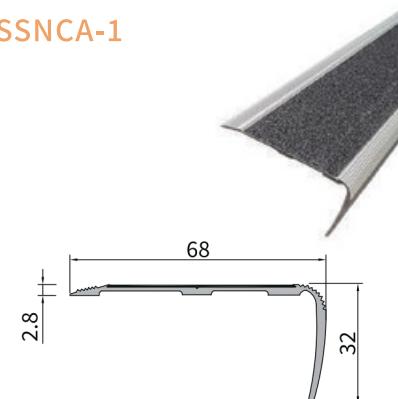
夜光贴防滑条(可定制)

Self-adhesive for affordable and easy installation.

MSSNCA-2



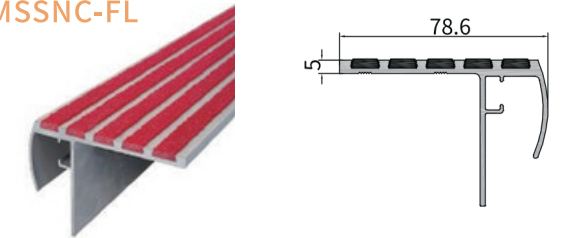
MSSNCA-1



LED防滑条

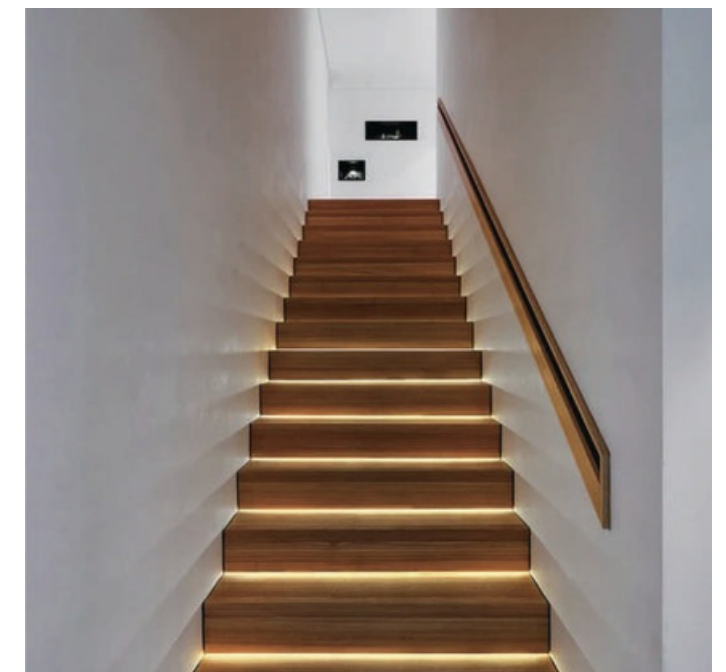
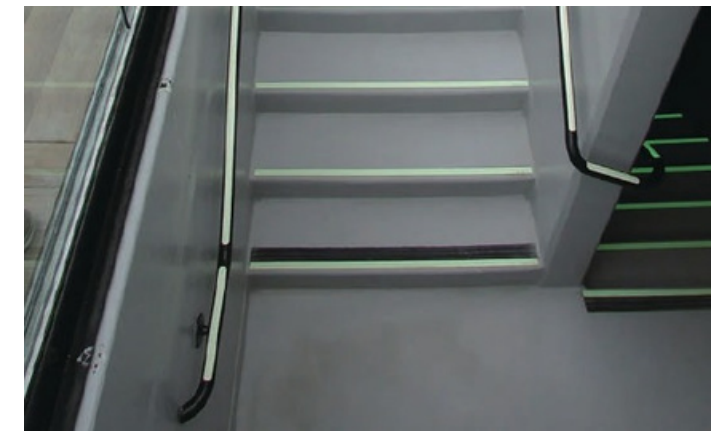
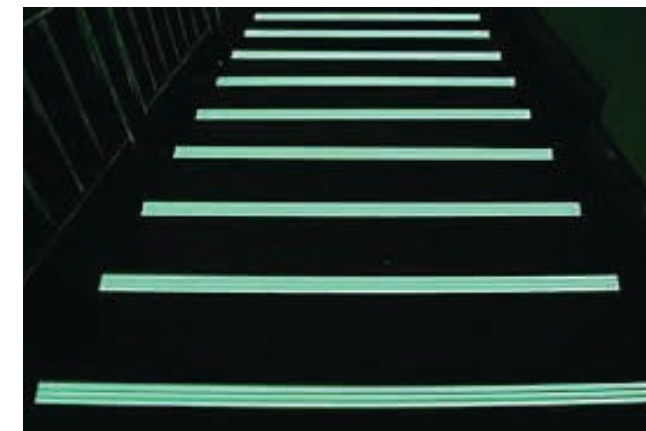
The standard FL lighting system is installed to create a fan light effect over the risers and treads in darkened conditions, providing confidence and safety for negotiating the stairs.

MSSNC-FL



DISPLAY OF SOME ENGINEERING RENDERINGS

Designs and specifications subject to change without notice



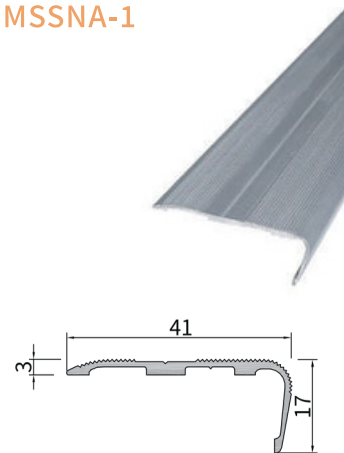
Whole Aluminum Profile Stair Nosing

An extensive range of attractive and hard-wearing stair edgings. Ideal for heavy traffic areas such as schools, public buildings and subways, these stair treads are built to last. As well as looking good, the strong anodized aluminium material is built to withstand high volumes of traffic and the harshest of outdoor conditions. The grooved surface ensures a slip-free environment.

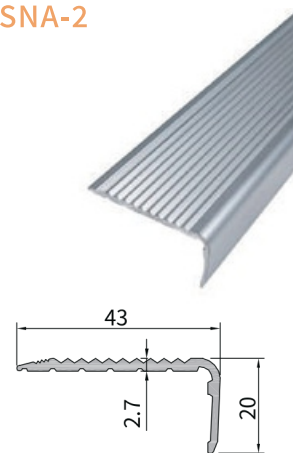
这些纯铝合金防滑条经久耐用，是学校、公共建筑和地铁等人流密集区域的理想选择。坚固的阳极氧化铝材料不仅美观大方，还能承受大量的人流和恶劣的室外条件。

纯铝合金防滑条

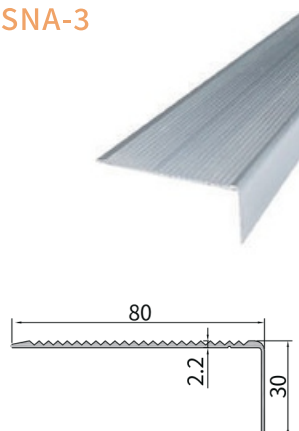
MSSNA-1



MSSNA-2



MSSNA-3



MSSNA-4

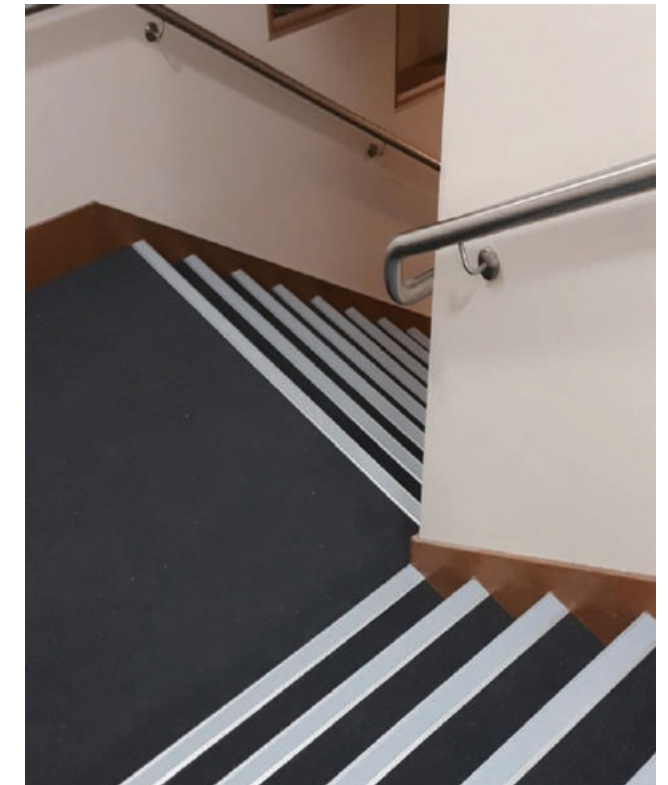
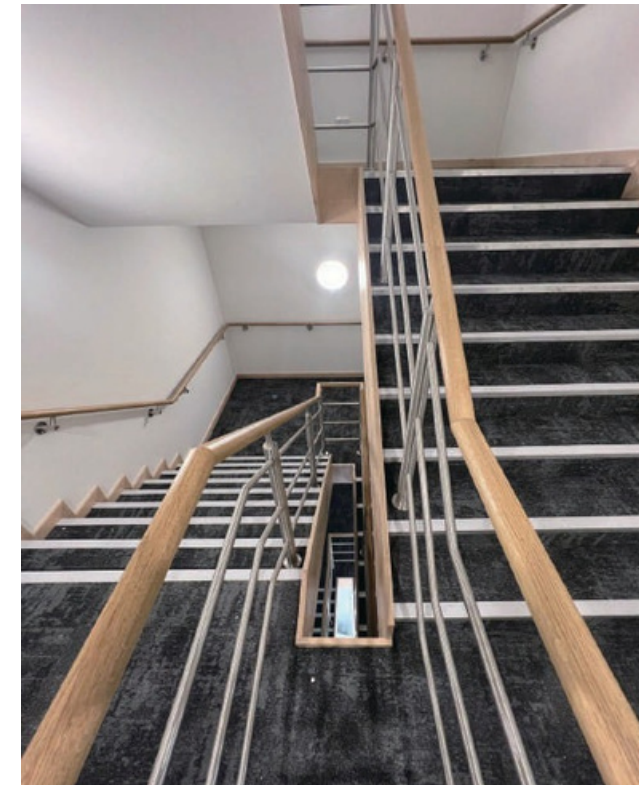


MSSNA-5



DISPLAY OF SOME ENGINEERING RENDERINGS

Designs and specifications subject to change without notice



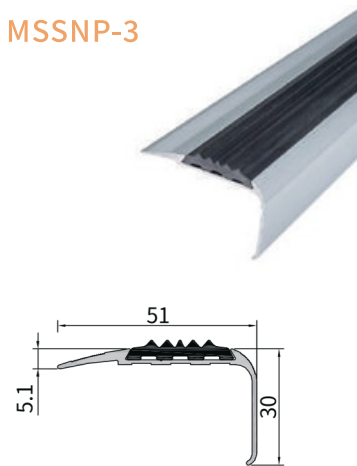
Aluminum Base Frame With Pvc Rubber Insert

PVC Rubber Insert trims have been designed for use in the most demanding environments where frequent heavy foot and wheeled traffic can be expected, e.g. railway stations, airports, transport interchanges, department stores and hospitals. PVC Rubber Insert trims comprise an aluminium base channel with a choice of slip-resistant PVC inserts (ordered separately). Standard interior insert is available for interior dry conditions. The models shown in the pictures below can be filled with either PVC or carborundum.

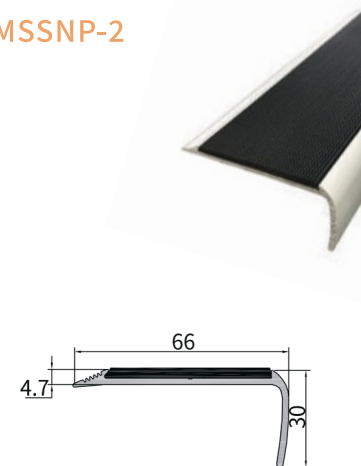
PVC 橡胶防滑条由铝合金基座和可选防滑 PVC 橡胶条组成, 橡胶条多种颜色可供选择, 橡胶条后期方便更换维护, 性价比高。下图所示型号均可填充橡胶或金刚砂, 适用于学校、火车站、机场、交通枢纽、百货商店和医院等环境。

橡胶填充防滑条

MSSNP-3



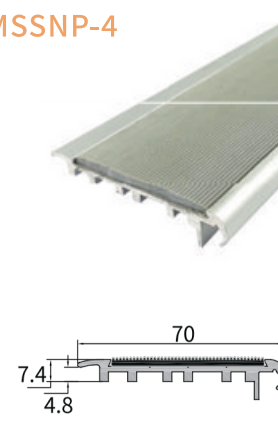
MSSNP-2



MSSNP-1



MSSNP-4

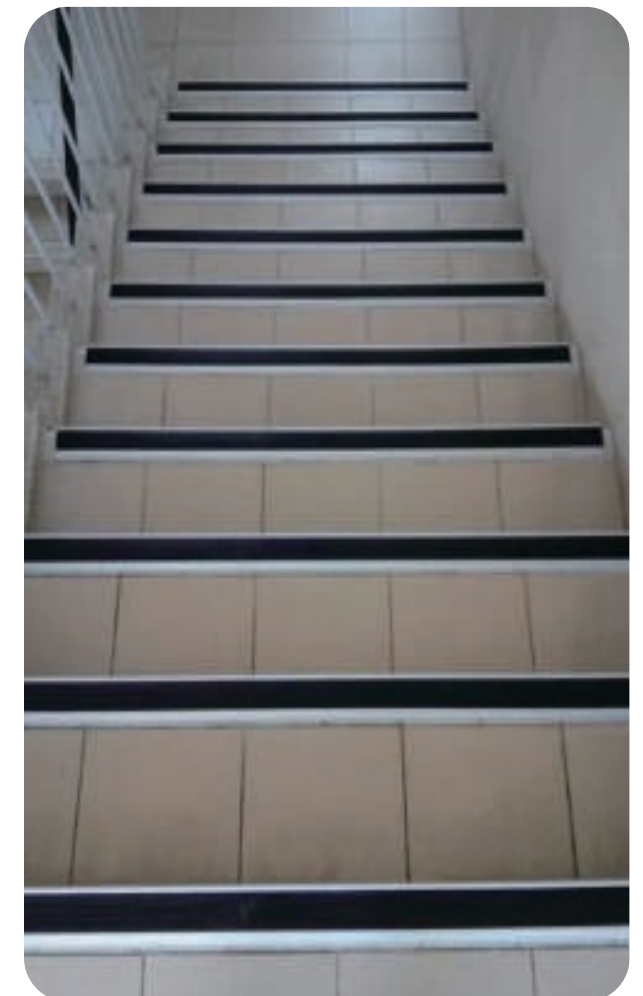
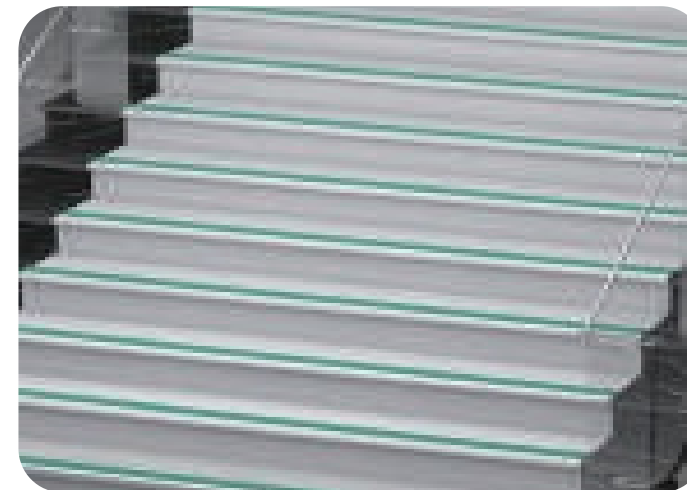
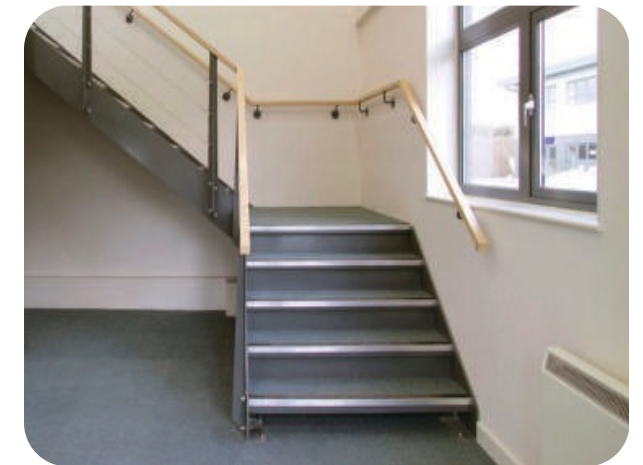


MSSNP-5



DISPLAY OF SOME ENGINEERING RENDERINGS

Designs and specifications subject to change without notice



Brass Stair Nosing

Bronze stair edgings offer premium finishes for prestigious locations. Bronze stair edgings are ideal for use in prestigious locations such as theaters, banks & hotels, and are suitable for both interior & exterior heavy traffic applications. Comprise polished manganese bronze channels with slip-resistant inserts.

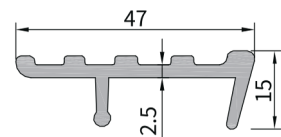
- ◉ Naturally beautiful aesthetic.
- ◉ Ages gracefully.
- ◉ Application types - surface mount, rebated, vinyl and rubber.
- ◉ Large range of nosing insert colour options, available in ribbed polymer and grit.



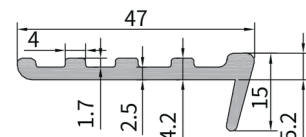
黄铜防滑条以其华丽的颜色和特殊的款式类型，普遍为外国友人所喜爱，适用于酒店、商场、私人别墅等高端场所，型材较厚，品质极优，安装效果美观，且实用。

黄铜防滑条

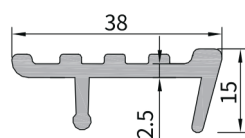
MSSNB-1



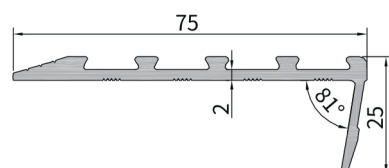
MSSNB-2



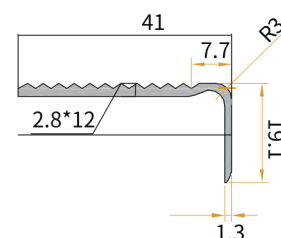
MSSNB-3



MSSNB-4

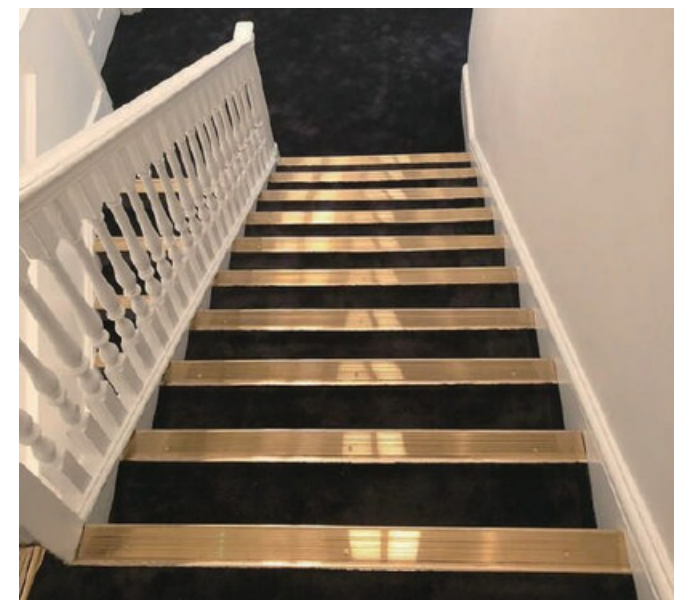
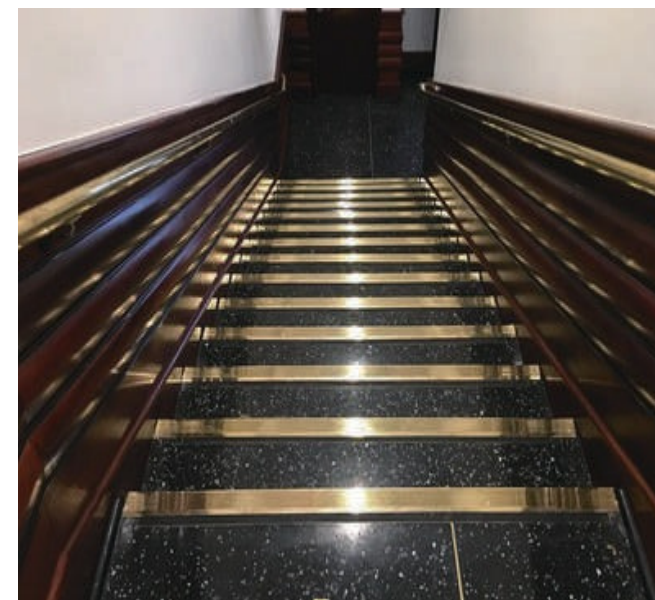
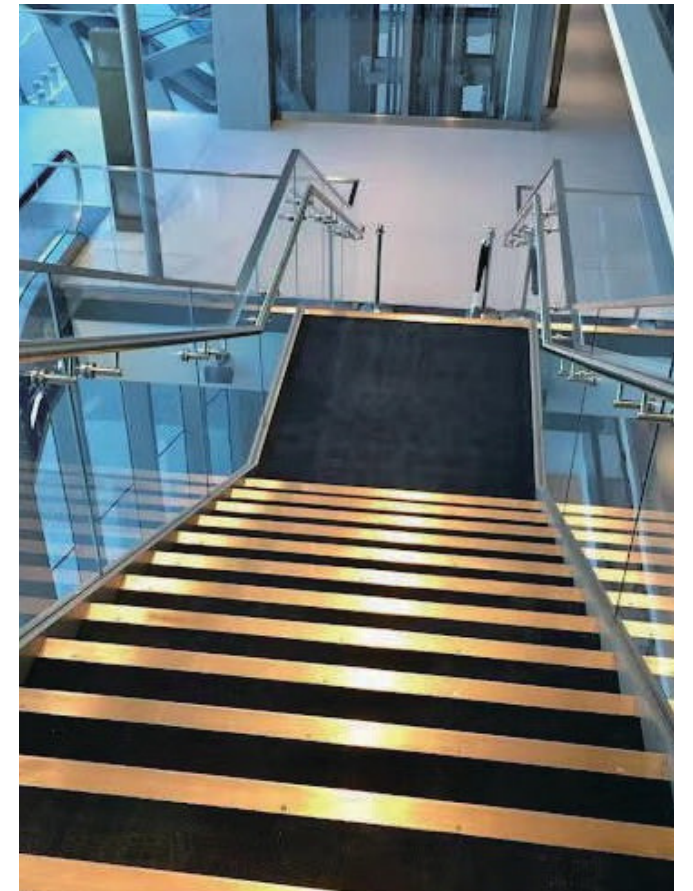
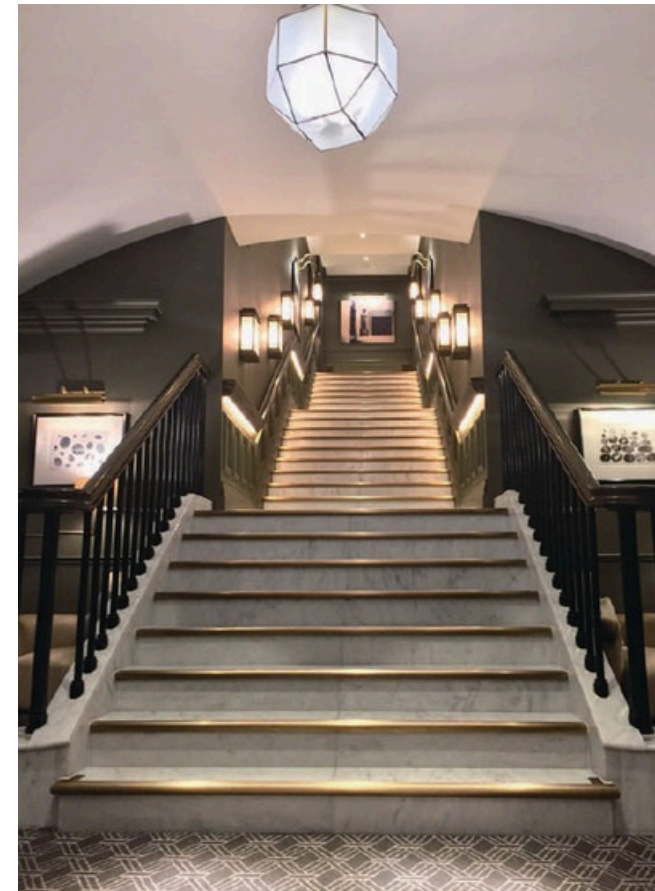


MSSNB-5



DISPLAY OF SOME ENGINEERING RENDERINGS

Designs and specifications subject to change without notice



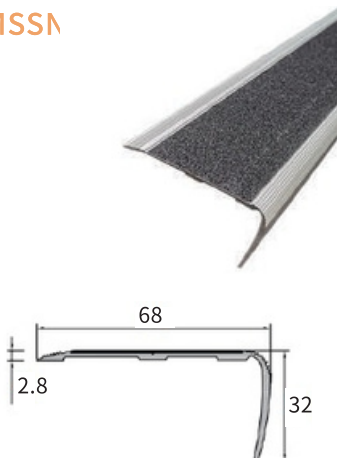
Aluminum Base Frame With Carborundum Tape Insert

Available Carborundum Tape colors - black, safety yellow, grey, white, red, blue, luminescent, hazard (black & yellow). Self-adhesive for affordable and easy installation.

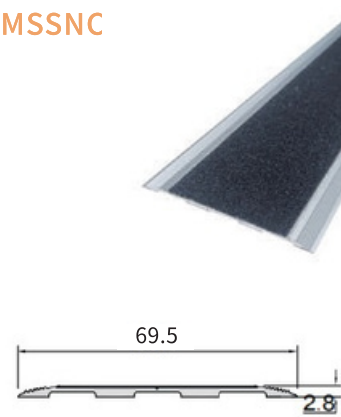
金刚砂防滑贴

下图型号均可以在铝合金底座上定制金刚砂防滑贴, 多种颜色可选, 可做夜光贴款式. 多种定制选择, 高性价比。

MSSN



MSSNC



DISPLAY OF SOME ENGINEERING RENDERINGS

Designs and specifications subject to change without notice



Test Reports

- AS 4586-2013 WET Slip Resistance P5
- AS 4586-2013 DRY Slip Resistance D1
- ASTM D2047-11 Static coefficient of friction

