



Stair nosing profiles Protect

Description

The PROTECT range of profiles is recommended to protect the corners of steps already laid with wood, ceramic tiles, marble or other types of material.

Versions are available with or without pre-drilled holes, with or without screws or with adhesive.

Items 76, 124, 110, 119, 117 are anodized aluminium profiles on which self-adhesive, non-slip SAFETY STEP strips are applied.

Items 72, 77, 79, 125, 78, 126, 128 are anodized aluminium profiles on which ridged rubber (PVC) profiles are affixed with neoprene adhesive.

Items 74 and 58 are available in anodized aluminium and also in a version coated with Alchrom® Plus (a film reproducing the different shades and/or finishes of wood) providing an aesthetic solution that will match almost any type of flooring in domestic or public settings.

Items 87, 370, 373, 70, 71, 130, 131, 76, 124, 110, 119, 117, 80, 72, 77, 79, 125, 78, 126, 128 have a special surface assuring they comply with regulation DIN 51131 regarding non-slip steps.

Items 150, 151, 152, 153, 154, 155, 156, 158 are made of PVC and should be bonded to the surface with neoprene adhesive.

Materials

Anodized aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).

The profiles are made by extrusion then anodized with a $\geq 15 \mu\text{m}$ thick layer.

They present a strong resistance to chemical and atmospheric agents. When wet, concrete and its derivatives produce alkaline substances which can corrode metal (forming aluminium hydroxide) when allowed to react with the surface. For this reason, the visible surface of the profile must be quickly and delicately cleaned to remove any concrete, adhesive or grouting substances and detergents.

Anodized surfaces can become ruined through wear and foot traffic (profiles used on floors) and the original finish lost as a result.

Alchrom® Plus coated natural aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).

The profiles are extruded then coated with hard-wearing Alchrom® Plus film reproducing the different tones and/or finishes of wood.

Coated aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).

The profiles are extruded and then coated.

They present a good resistance to chemical and atmospheric agents but not to mechanical stress which damages the surface coating. Concrete, adhesive, grouting materials and detergents must be immediately removed from the visible surface of the profile.

Stainless steel

AISI 304 - DIN 1.4301

Especially resistant to the main chemical and atmospheric agents, to lime, mortar, tile adhesives and cleaning products.
Also recommended for use in food industries, hospitals, external environments in general, etc.

Polished brass

Alloy CW624N UNI EN 12167

The profiles are extruded then polished mechanically. The outer surface must be protected from scratches and rubbing.
Resistance to chemical agents and mechanical stress is good. Parts of the brass in contact with the air are subject to oxidation, producing a film on the surface. In the presence of extreme humidity or corrosive agents, brass will oxidise quickly and marks may appear on the surface. Where necessary, it can be restored to its natural state with abrasives or special polishes.

Plasticised PVC

Plasticised PVC compound, lead-free, self-extinguishing. Stabilised, eco-compatible, based on Ca-Zn salts.

Safety Step

Self-adhesive films formed of abrasive particles held together by synthetic resins on a dimensionally stable polyester support (General Purpose).
The back of the product is coated with pressure-sensitive adhesive protected by a tape release liner.

General note on metals

Aluminium, stainless steel and brass are not resistant to all chemical compounds. Consequently, contact with particularly aggressive products like hydrochloric acid (HCl) and phosphoric acid (H3PO4) should be avoided.

Products generally used to clean stone, ceramic and porcelain tiles, such as muriatic acid, ammonia and bleach, damage the surface finish on the metal and can cause intense corrosion. Moreover, any residues of concrete, adhesive, and grouting materials must always be removed from the surface of the profiles as quickly and delicately as possible.

If adhesive tape is used to cover the profile, it must not be left any longer than an hour.

Fixing

Fixing with PP/96 adhesive (all metal profiles)

Remove the profile from the packaging.

Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish.

Measure the length required and cut the profile to this length using an appropriate tool.

Place the profile, cut to the right length, in position and fix it to the laying surface with a suitable adhesive (such as PP/96), making sure that the support is free of dirt and perfectly clean.

Press and hold evenly along the length of the profile to make sure it bonds correctly to the laying surface.

Fixing with neoprene adhesive (all PVC profiles)

Remove the profile from the packaging.

Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish.

Measure the length required and cut the profile to this length using an appropriate tool.

Place the profile, cut to the right length, in position and fix it to the laying surface with a neoprene adhesive, making sure the support is free of dirt and perfectly clean.

Press and hold evenly along the length of the profile to make sure it bonds correctly to the laying surface.

Fixing profiles with adhesive

Remove the profile from the packaging.

Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish.

Measure the length required and cut the profile to this length using an appropriate tool.

Pull off the protective film making sure that the surface onto which it will be placed is perfectly clean and not flaking.

Lay the profile in position, press and hold evenly along the full length to make sure it bonds correctly to the laying surface.

Laying perforated profiles with screws

Remove the profile from the packaging.

Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish.

Measure the length required and cut the profile to this length using an appropriate tool.

After cutting the profile to the right length, place in position and use a permanent marker to mark the exact position of the holes on the profile, where holes should be drilled.

Remove the profile and drill the floor in the exact positions that you marked previously being careful to check the exact size of the plugs needed.

Slot the plugs into the holes drilled in the floor, reposition the profile correctly and fix it to the wall using the right type of screws making sure that the support surface is perfectly clean.

Care and maintenance

Care and maintenance procedures for the materials used to make these profiles depends largely on the type of alloy and/or finish used.

The instructions provided below describe the operations to be performed on the profile to restore it as much as possible to its original condition.

The purpose of this document is to provide as many general indications as possible to guide you on when and how to clean the product, but they should also be verified on a case-by-case basis.

It should be pointed out there are specific responsibilities in each part of the product's life cycle, starting from when it is installed the first time.

Aluminium

No special maintenance is required and aluminium products can be easily treated with colourless alcohol in a water solution or using ordinary detergents, provided they do not contain acid (hydrochloric or hydrofluoric).

Detergent products made by multiple manufacturers and sold under a variety of commercial brands can generally be used for cleaning.

Generally speaking, there are three types of products:

- Alkaline
- Neutral
- Acid

For cleaning purposes, we recommend using a neutral detergent diluted in water then rinsing with water only, using a non-abrasive sponge and/or cloth to avoid scratching and/or damaging the anodized surface.

During cleaning, the following aspects must be kept in mind at all times:

- Do not use acid or alkaline detergents because they could damage the aluminium;
- Do not use products and/or abrasive materials;
- Do not use organic solvents on painted surfaces;
- Do not use detergents without first checking their chemical composition;
- Do not apply detergents straight onto the surface to be cleaned;
- Surfaces must be "cold" (max T° = 30°C) during cleaning and not exposed to direct sunlight;
- Detergents used in cleaning must also be "cold" (max T° = 30°C) and steam sprays should not be used.

In any case, the final stage in the cleaning process is always sufficient rinsing of the parts treated with water. They must then be immediately dried using soft fabric or leather cloths. Polishes or similar products are not required.

Clean profiles carefully as soon as required, following the instructions on the product package, to prevent any residues of concrete, grout or similar substances from attacking the surface.

Stainless steel

Stainless steel surfaces can be polished with suitable, widely available products.

Stainless steel is easy to clean and extremely hygienic; the smooth, non-porous surface makes the adhesion and survival of bacteria and/or other micro-organisms.

To keep stainless steel perfectly maintained, there are just a few simple rules: wash with soap and warm water, rinse well then dry with a soft cloth. For surfaces exposed to atmospheric agents and attack, we recommend cleaning the stainless steel profile regularly to maintain the surface unaltered and prevent corrosion.

Surfaces with a brushed finish should always be cleaned in the direction of the brushing and not at an angle to it.

In the event of scratches, use a detergent/polish made specifically for stainless steel, and a soft cloth.

For cleaning, do not use any of the following:

- detergents containing hydrochloric acid (also known as muriatic acid), hydrofluoric acid or bleach; avoid direct contact on surfaces with detergents containing chlorides, unless the contact is short and the surface is well-rinsed afterwards.
- abrasive powdered detergents which could damage the surface finish of the profile.

Do not leave mild steel objects or utensils (like brushes or steel wool normally used to remove residues of mortar or similar products) in contact with stainless steel profiles for extended lengths of time. They could transfer iron particles (contamination) and trigger rust on the surface.

Do not leave damp cloths or sponges for extended lengths of time on the stainless steel surface to prevent the formation of unsightly water marks.

Brass
Brass does not require special maintenance: it can be easily cleaned with alcohol diluted in water or ordinary detergents, provided they are not acid-based. Water can be used with added neutral detergents and the final rinse with water alone. Use non-abrasive sponges or cloths which will not scrape the surface. Use polishes that are commonly available.

PVC
Does not need any special maintenance; they can be easily treated with colourless alcohol diluted in water or using normal detergents, provided they are not acid or alkaline based and also diluted in water; use only water for the final rinse.
Use non-abrasive sponges or cloths which will not scrape the surface.

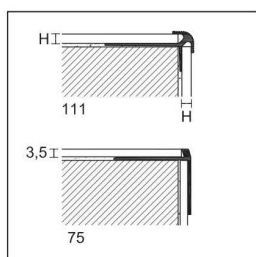
Fire prevention measures

In the event of fire, use chemical fire extinguishers, dry sand or solid extinguishing agents.

Notes:


These profiles must be handled with caution, being careful to wear suitable gloves to prevent injury and/or cuts to the hands.
The instructions and specifications provided here are the product of our experience but are only a guide, should not be considered exhaustive and must be confirmed by extensive practical applications.
Profilpas declines any responsibility for damage to people or things resulting from improper use of the product.
Users must establish for themselves if the product is suitable for the required used and they bear full responsibility for any incorrect installation of the material.

Protect




PROTECT

length = 270 cm - pack 20 pcs

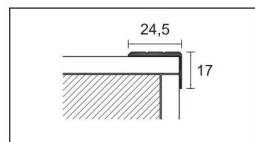
		H			
ART.	finishing	2,5	4,5	5	6
ALUMINIUM					
111/ F	silver anodised		75782	75784	75785
				75786	

PROTECT

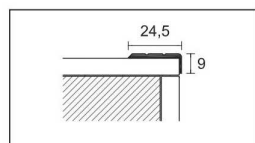
length = 340 cm - pack 20 pcs

length = 340 cm - pack 20 pcs		H
ART.	finishing	3,5
ALUMINIUM		
75/F	silver anodised	 75388

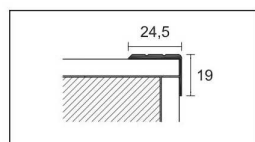
Protect



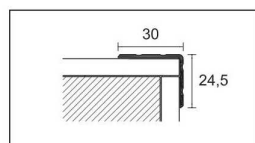
53/



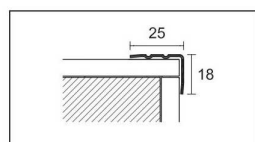
73/



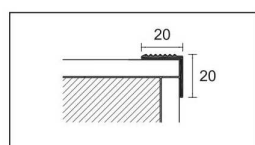
74/



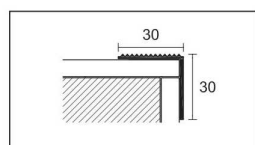
58/



74/IF



87/
370/














373/

Complete the article code with F=drilled, A/AD=adhesive, SF=undrilled, CV=screws (eg. 73/ drilled becomes 73/F)




 packaging in blister no partial packaging

• Out of production items, available till end of stock

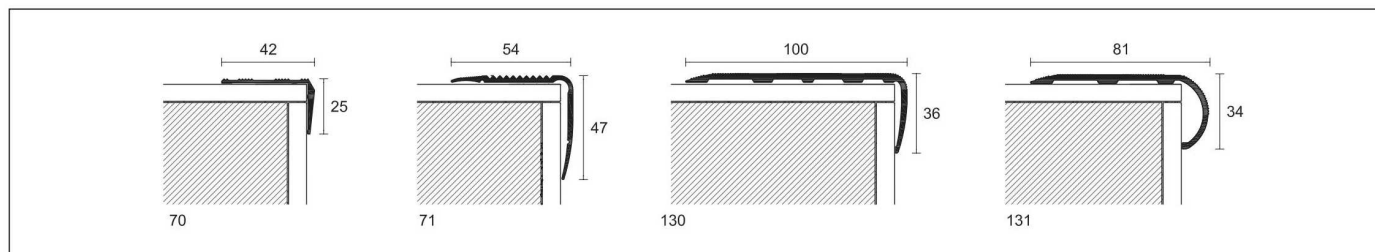
PROTECT

pack		30 pcs				10 pcs / blister				
length cm		270				90	100		-	
ART.		53/		73/		473/			-	
finishing		F	SF	F	SF	A	CV	AD	CV	-
ALUMINIUM										
silver anodised		75200	75203	75208	75209	75238	21422	21434	00337	-
gold anodised		75201	75204	75218	75219	75248	21423	21435	00338	-
bronze anodised		-	-	75228	-	75258	21424	-	-	-
pack		20 pcs		30 pcs		10 pcs / blister			20 pcs	
ART.		58/		74/		474/			74/I	
finishing		A	-	F	SF	A	CV	AD	CV	F
ALUMINIUM										
silver anodised		75900	-	75268	75269	75298	21512	21524	00390	-
gold anodised		75910	-	75278	-	75308	21513	21525	00392	-
bronze anodised		-	-	75288	-	75318	21514	21526	-	-
titanium anodised		-	-	-	-	75299	-	-	-	-
colour-coated anthracite grey RAL 7016		-	-	-	-	75300	-	-	-	-
length cm										270
STAINLESS STEEL										
satin stainless steel AISI 304 DIN 1.4301		-	-	-	-	-	-	-	-	75275




PROTECT

pack	30 pcs					10 pcs / blister 			
length cm	340					113			
ART.	87/					487/			
finishing	F	SF	A			CV	AD		
ALUMINIUM									
silver anodised		75108	75109	75138		22615	22641		
pack	10 pcs					5 pcs			
length cm	270					270			
ART.	370/					373/			
finishing	F	SF	A			F	A		
BRASS									
polished		75168 *	75169	75178		75188	75198		


Protect



PROTECT

pack	20			10 pcs / blister 		
length cm	340			113	166	
ART.	70/			470/		
finishing	F	SF	A	CV	CV	
ALUMINIUM						
silver anodised		75328	75329	75358	21560	21564
gold anodised		75338	-	75368	21561	21565

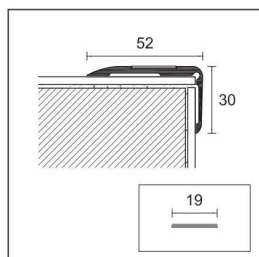
PROTECT

pack	20 pcs		8 pcs		8 pcs	
length cm	340		270		270	
ART.	71/		130/		131/	
finishing	F	SF	F	SF	F	SF
ALUMINIUM						
silver anodised		64067	64066	75804	75805	75800 75801

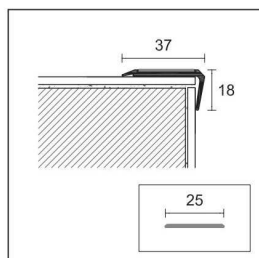
Complete the article code with F=drilled,
A/A.D=adhesive, SF=undrilled, CV=with screws
(eg. 87/ drilled becomes 87/F)

 packaging in blister no partial packaging

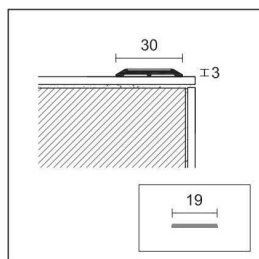
Protect



76/



124/







110/

Complete the article code with F=drilled, AD=adhesive, CV=screws (eg. 110/ drilled becomes 110/F)

 packaging in blister no partial packaging

• Out of production items, available till end of stock


PROTECT

pack	24 pcs	5 pcs / blister 
length cm	340	113
ART.	76/	476/
finishing	F	CV AD
ALUMINIUM		
silver anodised	 75448	21680 21696
gold anodised	 75458	21681 21697
bronze anodised	 75468 *	- -

SLIP-RESISTANT ROLL

length = 1820 cm - width mm	19
4 rolls pack -	
black	 23002


PROTECT

length = 270 cm - pack 24 pcs	
ART.	124/
finishing	F
ALUMINIUM	
silver anodised	 75794

SLIP-RESISTANT ROLL

length = 1820 cm - width mm	25
4 rolls pack -	
black	 23004

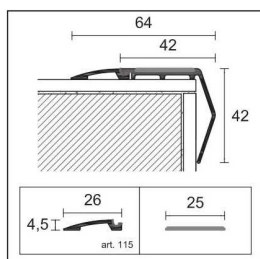
PROTECT

length = 270 cm - pack 24 pcs	
ART.	110/
finishing	F
ALUMINIUM	
silver anodised	 75780

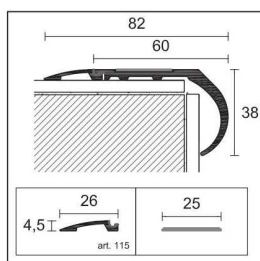
SLIP-RESISTANT ROLL

length = 1820 cm - width mm	19
4 rolls pack -	
black	 23002

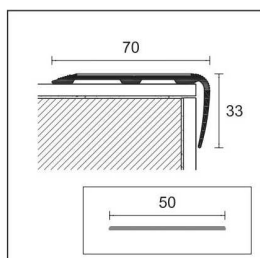
Protect



119/
115



117/
115




80/

Complete the article code with F=drilled
(eg. 119/ drilled becomes 119/F)

• Out of production items, available till end of stock


PROTECT

pack	12 pcs	24 pcs
length cm	270	270
ART.	119/	115
finishing	F	-
ALUMINIUM		
silver anodised	 75792	75788 *

SLIP-RESISTANT ROLL

length = 1820 cm - width mm	25
4 rolls pack - black	 23004


PROTECT

pack	12 pcs	24 pcs
length cm	270	270
ART.	117/	115
finishing	F	-
ALUMINIUM		
silver anodised	 75790	75788 *

SLIP-RESISTANT ROLL

length = 1820 cm - width mm	25
4 rolls pack - black	 23004

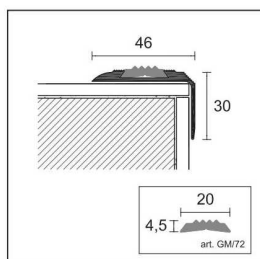
PROTECT

length = 340 cm - pack 10 pcs	
ART.	80/
finishing	F
ALUMINIUM	
silver anodised	 64077

SLIP-RESISTANT ROLL

length = 1820 cm - width mm	50
2 rolls pack - black	 23006




Protect



72/

PROTECT

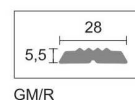
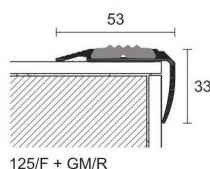
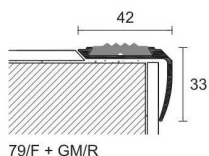
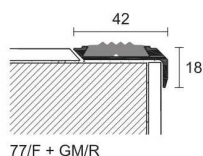
length = 340 cm - pack 20 pcs

ART.		72/
finishing		F
ALUMINIUM		
silver anodised		75508
gold anodised		75518
bronze anodised		75528 *



GROOVED RUBBER

length = 3400 cm - 2 rolls pack

ART.		GM/72
black		75565
brown		75569 *



PROTECT

pack	20		24
length cm	340		270
ART.	77/	79/	125/
finishing	F	F	F
ALUMINIUM			
silver anodised		7564875728	75796
bronze anodised		75668 * -	-

GROOVED RUBBER

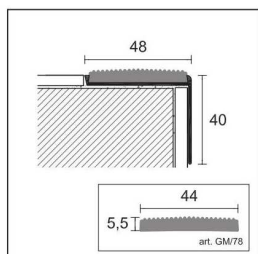
length = 3400 cm - 2 rolls pack

ART.		GM/R
black		75705

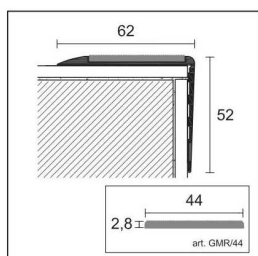
Complete the article code with F=drilled
 (eg. 72/ drilled becomes 72/F)

* Out of production items, available till end of stock

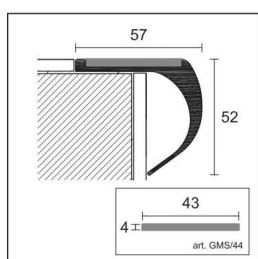
Protect



78/



126/



128/

Complete the article code with F=drilled
 (eg. 78/ drilled becomes 78/F)

• Out of production items, available till end of stock

PROTECT

length = 340 cm - pack 20 pcs

ART.	78/
finishing	F
ALUMINIUM	
silver anodised	75578

GROOVED RUBBER

length = 1700 cm - 2 rolls pack

ART.	GM/78
black	75635
brown	75639 *

PROTECT

length = 270 cm - pack 6 pcs

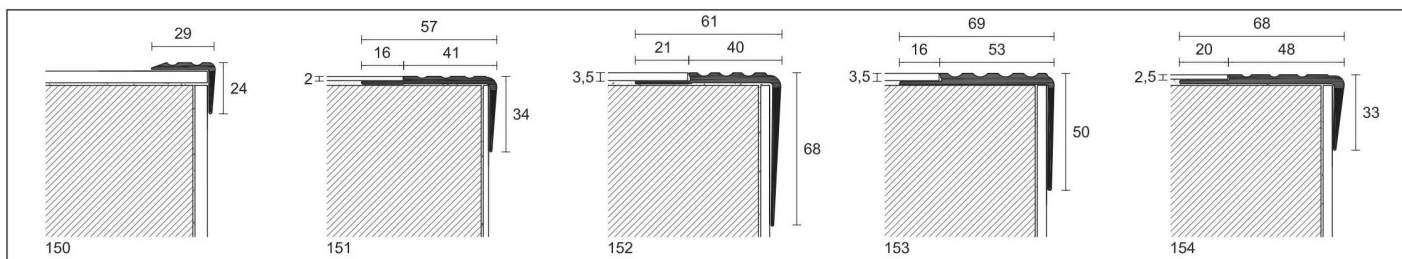
ART.	126/	128/
finishing	F	F
ALUMINIUM		
silver anodised	75798	75802

GROOVED RUBBER

length = 1700 cm - pack 1 roll




ART.	GMR/44	GMS/44 satinata
black	75706	75720

Protect

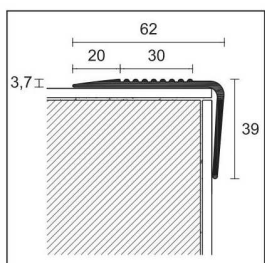


PROTECT

length = 300 cm - pack 15 pcs

ART.	150	151	152	153	154
finishing					
PVC					
black	 19100	19110	19120	19130 *	19140
grey	 19101	19111	19121	-	19141
brown	 19102	19112	-	19132 *	-




no partial packaging



155

PROTECT

length = 300 cm - pack 15 pcs

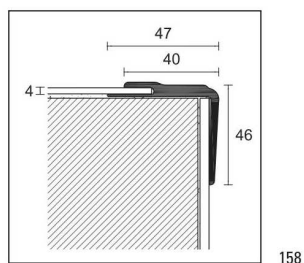
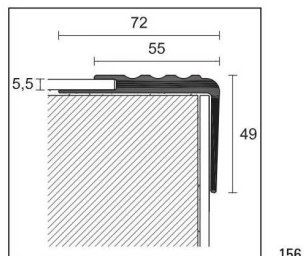
ART.	155
finishing	
PVC	
black	 19150
grey	 19151
brown	 19152

no partial packaging

* Out of production items, available till end of stock

All articles Protect in PVC should be stored horizontally




Protect



For a single piece, see sales conditions on page 303

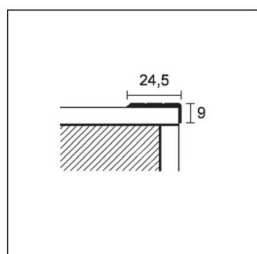
• Out of production items, available till end of stock

PROTECT

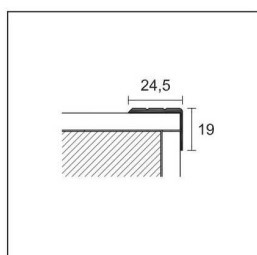
pack	10	10
length cm	300	300
ART.	156	158
finishing		
PVC		
black	 19160	19180 *
grey	 19161	-
brown	 19162	19182 *

no partial packaging

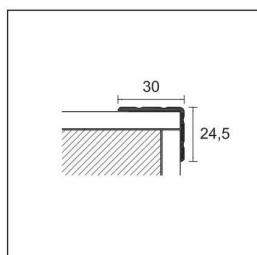
Protect



73/



74/A



58/A

• Out of production items, available till end of stock

Customized PDS decors are available for the articles 74/A and 58/A with a minimum order of 1000 meters divisible up to 5 decors

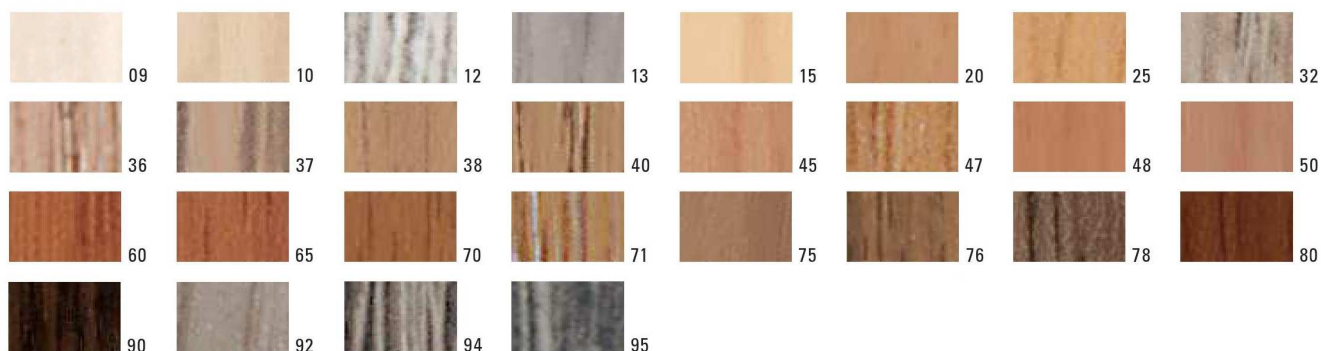
 packaging in blister no partial packaging

PRESTOWOOD

pack	10 pcs	10 pcs / blister	10 pcs
length cm	270	90	270
ART.	74/A	474/AD	58/A
finishing			
ALUMINIUM - decors ALCROM® PLUS			
09	75290 *	21543 *	
10	75319 *	21535 *	75920 *
12	75297		
13	75301		
15	75291 *	21544 *	
20	75320	21536 *	75930 *
25	75302 *		
32	75303		
36	75304		
37	75305		
38	75306		
40	75322	21538	75940 *
45	75292 *	21545 *	
47	75307		
48	75293 *	21546 *	
50	75323 *	21539 *	75950 *
60	75324 *	21540 *	75960 *
65	75294 *	21547 *	
70	75325 *	21541 *	
71	75309		
75	75295 *	21548 *	
76	75334		
78	75311		
80	75326	21542	75980 *
90	75296 *	21549 *	
92	75312 *		
94	75313 *		
95	75314 *		

individually packed

decors Alcrom® Plus - available for profiles



due to the printing, the colour shades can be slightly different from the real ones.