



Profiles for floors of different height
Prolevel High



Prolevel Medium



Prolevel Thin

Description

PROLEVEL HIGH, MEDIUM and THIN are a line of profiles specially designed to join non-coplanar floors of same or different materials, where there is a difference in level.

Recommended for use on floors already laid in ceramic, wood or LVT, they are often used even when a new flooring is laid on an existing one (for example, a floor on a ceramic already laid), eliminating the step caused by the different thickness of the floor.

Made of various materials (aluminum, steel and brass), they allow to create harmonious joints and multiple possibilities of combination/contrast with the most varied types of flooring in civil and public settings.

The anodised aluminum versions, due to wear and tear, are damaged thus losing the original finish, therefore their use is not recommended in places where there is an intense passage.

Materials

Anodised aluminium

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

The profiles are made by extrusion then anodised 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.

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

Stainless steel

AISI 430 - DIN 1.4016

This type of steel has moderate resistance to corrosive agents. It is recommended for indoor use.

Brass

Alloy CW624N UNI EN 12167

The profiles are extruded or bent into shape 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.

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 (H3P04) 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.

Laying

Laying with glue type PP/96

Remove the profile from the packaging.

Remove, if present, the protection (protective and / or shrink film) to safeguard the finish of the product.

Detect the required length and cut the profile to size, using a suitable tool.

Place the profile, cut to size, in the correct position and fix it to the installation surface by using suitable glue (type PP / 96) making sure that the area where it will be laid is perfectly clean.

Exercise and maintain a uniform pressure for a few minutes along the entire length of the profile in order to guarantee correct adhesion to the laying surface.

Laying with adhesive

Remove the profile from the packaging.

Remove, if present, the protection (protective and / or shrink film) to preserve the finish of the product.

Detect the required length and cut the profile to size, using a suitable tool.

Proceed by removing the protective paper, making sure in advance that the area where it will be laid is perfectly clean and non-friable.

Rest the profile by applying uniform pressure over the entire length of the profile in order to ensure correct adhesion to the laying surface.

Laying of perforated profiles with screws

Remove the profile from the packaging.

Remove, if present, the protection (protective and / or shrink film) to safeguard the finish of the product.

Detect the required length and cut the profile to size, using a suitable tool.

Place the profile cut to size in the correct position and mark with an indelible pen in correspondence with the holes on the profile the exact position where to perform the drilling.

Remove the profile and proceed with drilling the floor in the exact positions previously marked, taking care to check the exact size of the dowels that will be used.

Place the dowels in the holes in the floor, reposition the profile in the correct position and proceed with fixing 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.

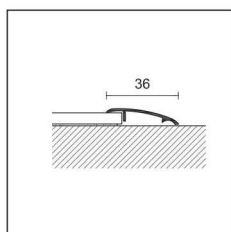
Fire prevention measures

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.

Prolevel HIGH

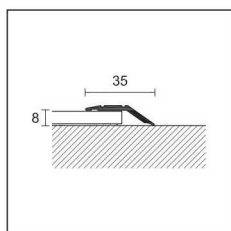


61/

PROLEVEL HIGH




pack	20 pcs	10 pcs / blister 
length cm	270	90
ART.	61/	461/
finishing	A	AD
ALUMINIUM		
silver anodised	 73437	21200

art. 61/ individually packed

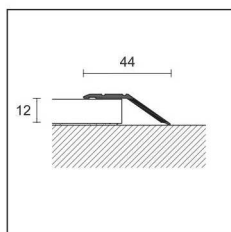


55/

PROLEVEL HIGH




pack	20 pcs		10 pcs / blister 	
length cm	270		90	
ART.	55/		455/	
finishing	F	A	CV	AD
ALUMINIUM				
silver anodised		73907	73937	42312 42330
gold anodised		-	73947	- 42336

art. 55/ individually packed



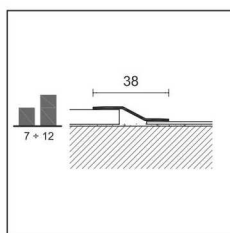
57/

PROLEVEL HIGH

pack	20 pcs		10 pcs / blister 		
length cm	270		90		
ART.	57/		457/		
finishing	F	A	CV	AD	
ALUMINIUM					
silver anodised		73967	73997	42352	42370
gold anodised		-	74007	-	42376





art. 57/ individually packed

Prolevel HIGH

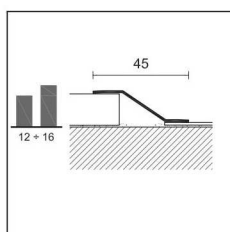


711/
311/

PROLEVEL HIGH




pack	20 pcs	10 pcs / blister	
length cm	270	83	93
ART.	711/	4711/	
finishing	A	AD	AD
STAINLESS STEEL			
polished stainless steel AISI 430 - DIN 1.4016	 73627	40431	40432
satin stainless steel AISI 430 - DIN 1.4016	 73628	-	-
ART.	311/	4311/	
finishing	A	AD	AD
BRASS			
polished	 73607	-	22656

art. 711/ and 311/ individually packed



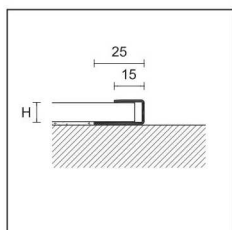
712/
312/

PROLEVEL HIGH

pack	10 pcs	5 pcs / blister	
length cm	270	90	
ART.	712/	4712/	
finishing	A	AD	
STAINLESS STEEL			
polished stainless steel AISI 430 - DIN 1.4016	 73637	40898	
ART.	312/	4312/	
finishing	A	AD	
BRASS			
polished	 73617	40868	

art. 712/ e 312/ individually packed


Prolevel HIGH - MEDIUM



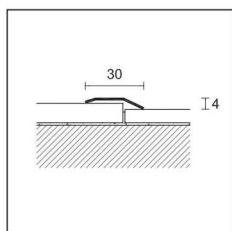
732/SF/

PROLEVEL HIGH

length = 270 cm - pack 15 pcs



		H		
ART.	finishing	10	12,5	15
STAINLESS STEEL				
732/SF/	polished stainless steel AISI 430 DIN 1.4016	 74217	74227	74237

individually packed

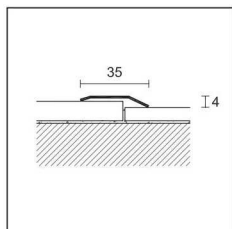


700/
300/

PROLEVEL MEDIUM



		20 pcs		10 pcs / blister 
length cm	270	270	93	
ART.	700/	701/	4701/	
finishing	A	F A	AD	
STAINLESS STEEL				
polished stainless steel AISI 430 DIN 1.4016	 72877	-	72957	21135

art. 700/ and 701/ individually packed



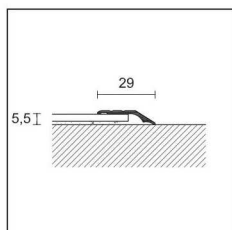
701/

PROLEVEL MEDIUM

		20 pcs	10 pcs / blister 
length cm	270	93	
ART.	300/	4300/	
finishing	A	AD	
BRASS			
polished	 72857	21035	





art. 300/ individually packed

Prolevel MEDIUM - THIN

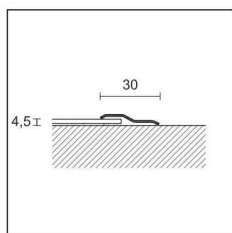


6/

PROLEVEL MEDIUM


pack	30 pcs		10 pcs / blister 			
length cm	270		93		166	
ART.	6/		46/			
finishing	F	A	CV	AD	CV	AD
ALUMINIUM						
silver anodised		72727 72757	20932	20952	20940	20960
gold anodised		72737 72767	20933	20953	-	-
bronze anodised		- 72777	-	-	-	-

art. 6/ individually packed

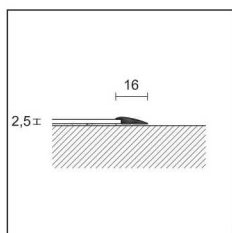


10/

PROLEVEL MEDIUM



pack	20 pcs
length cm	270
ART.	10/
finishing	A
ALUMINIUM	
silver anodised	 72527

individually packed



54/

PROLEVEL THIN

length = 270 cm - pack 20 pcs			
ART.	finishing	SF	A
ALUMINIUM			
54/	silver anodised	 72587	72617
	gold anodised	 -	72627

individually packed