

GLASS PROFILES GPS

Profiles and installation systems for bathrooms



DESCRIPTION

Glass Profile is one stainless steel line profile which allows you to accurately configure tiled showers flush with the floor.

Glass Profile line is developed in order to cover the slope of 2% for the installation of the flush with the floor shower drains. It makes the shower area aesthetically perfect and at one with the modern trends of interior design.

The glass profile line solves all the critical points such as edges, slopes and glass walls with details that make the difference.

Available in lengths of 98, 120, 148 and 200 cm, right (DX) and left (SX) version to which it is added a profile to be positioned on the wall covering, above the shower drain, they can be assembled in place and allow a vast number of combinations able to solve the design of any tiled shower room.

Special pieces, like end caps to complete the profile and to hide the section in view of the glass wall, are available.

The silicone seals of different sizes complete the Glass Profile range and can be used inside the profiles to keep the glass stable.

The **Glass Profile** simplifies the laying work for the following situations:

- Tile floor – Glass
- Tile floor – Frontal tile wall
- Tile floor – Side tile wall

Glass Profile are also available in anodized aluminum version, they are suitable for use in separation walls for the insertion of the glass.

MATERIALS

Stainless Steel

AISI 304 - DIN 1.4301

Featuring a substantial resistance to the principal chemical and atmospheric agents, lime and mortar, as well as adhesives for tiles and cleaning agents. Recommended for use even in the food industry, hospitals, pools, general exterior environments, etc.

Coated Stainless Steel

AISI 304 - DIN 1.4301

The profiles are made of satin stainless steel and then coated. They present a relatively good resistance to chemical and atmospheric agents but not to mechanical stress which damages the surface coating. This means they are not recommended for floor use. Concrete, adhesive, grouting materials and detergents must be immediately removed from the visible surface of the profile.

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.

The outer surface must be protected from scratches and rubbing. 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.

General note on metals

Stainless steel and aluminium 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.

LAYING

Remove the profile from the packaging.

Check that the thickness of the covering to be laid corresponds with the height of the selected profile (see the label).

Remove, wherever present, the protection (protective and/or thermo-shrink film) covering the finish of the profile.

Verify the necessary length and cut the profile to the required measurement, using the proper tools.

With a toothed-spatula, spread the adhesive on the laying surface.

Press the profile so that the previously applied adhesive comes out from the perforations of the tabs.

Delicately place and press the wall covering, ensuring that it is in line with the profile and at the proper distance required for the gap (usually 1 or 2 millimeters).

With the proper gap material, seal the cleft left between the wall covering and the profile. Clean excess gap material, glue, detergent, etc. carefully with a soft sponge with water within 10 minutes of application.

CARE AND MAINTENANCE

The care and maintenance of the materials used for the realization of these profiles are closely linked to the type of alloy and/or used finishing.

The instructions below describe the operations to which it must submit the profile in order to restore as much as possible its original appearance.

The intent of this is to provide all those general guidelines that can serve as guidelines in the choice of when and how to clean, but they will have to be checked case by case. It must be underlined that there are already precise specifications responsibility at every stage of product life since its installation.

Stainless Steel

The stainless surfaces can be polished with the adequate products, commonly found in stores. Stainless steel is easy to clean and extremely hygienic; its smooth and non-porous surface makes it especially difficult for the adhesion and survival of bacteria and/or other micro-organisms. Some simple guidelines are all that is required to keep steel surfaces perfectly cared for: it suffices to wash with hot water and soap, rinsing abundantly and drying with a soft cloth.

If the surface is exposed to atmospheric or aggressive agents, periodic cleaning of the stainless profile is recommended in order to keep the surface unaltered and prevent the onset of corrosion. On brushed finish surfaces, always clean in the direction of the grain and never across it. For scratches, use a detergent/polish suitable for stainless steel and a soft cloth. Under no circumstances should the following be used for cleaning:

- detergents containing hydrochloric acid (muriatic acid), hydrofluoric acid or bleach; avoid direct contact on the surface of detergents containing chlorine, unless the contact time is brief and followed up by an immediate rinsing with abundant amount of water;
- detergents in abrasive powder form that could damage the surface finish of the profile.

Avoid allowing objects and tools in common steel (e.g. brushes or steel wool normally used to remove residual mortar or similar products) to come into contact with profiles in stainless steel for a prolonged period, otherwise they could transfer ferrous particles (contamination), causing the appearance of rust stains on the surface. Prevent humid pieces of material or sponges to lay for a prolonged period of time in contact with the stainless steel surface in order to prevent unsightly water stains.

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.

FIRE CONTROL MEASURES

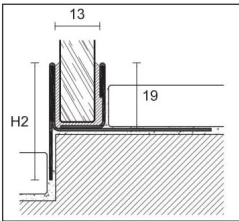
In case of fire, extinguish with fire-fighting chemical products, dry sand or solid fire-extinguishing agents.

NOTES

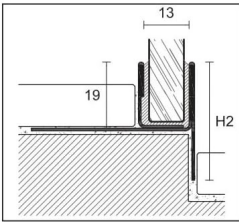
These profiles must be handled with care, taking the necessary steps to use suitable gloves to prevent wounds such as cuts to the hand. All indications and instructions here have come from our own experience to be understood as purely informative and will have to be confirmed through exhaustive practical experience. Profilpas will not be held responsible for any personal injury or material damage from improper use of the product. The user is responsible for establishing whether the product is suitable for the task and likewise must assume all responsibility for incorrect laying of material.



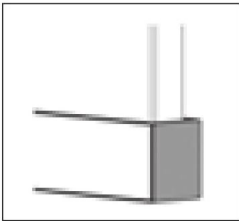
GPS1/DX/19 satin stainless steel AISI 304 DIN 1.4301



GPS1/DX/19



GPS1/SX/19



GPS/6

GLASS PROFILE

pack 5 pcs

ART.

GPS1/ /19

	DX	SX	DX	SX	DX	SX	DX	SX
length cm	98		120		148		200	
H2 mm	34		37		42		60	

STAINLESS STEEL

satin stainless steel AISI 304 DIN 1.4301		31505	31507	31515	31517	31525	31527	31535	31537

MATT BLACK COLOUR-COATED STAINLESS STEEL

matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		31506	31508	31516	31518	31526	31528	-	-

individually packed

GLASS PROFILE - END CAP FOR GPS1/ /19

pack 5 pcs

ART.

GPS/6

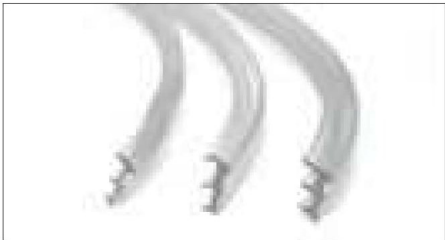
STAINLESS STEEL

satin stainless steel AISI 304 DIN 1.4301		31564
--	---	-------

MATT BLACK COLOUR-COATED STAINLESS STEEL

matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		31566
---	---	-------

no partial packaging



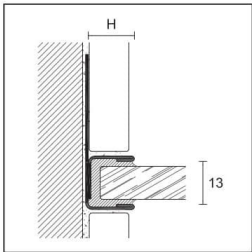
silicone glazing beads

TRANSPARENT SILICONE GLAZING BEADS

pack 5 mt		
ART.	measures	
GG/2	thickness 2 mm	31590
GG/3	thickness 3 mm	31592
GG/4	thickness 4 mm	31594
no partial packaging		



GPS2/19 satin stainless steel AISI 304 DIN 1.4301



GPS2/

GLASS PROFILE

length = 210 cm - pack 5 pcs			H		
ART.	finishing		10	12,5	19
STAINLESS STEEL					
GPS2/	satin stainless steel		31541	31542	31543
	AISI 304 DIN 1.4301				

MATT BLACK COLOUR-COATED STAINLESS STEEL

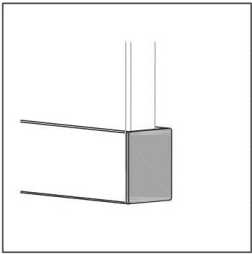
GPS2/	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		31546	31547	31545
-------	---	---	-------	-------	-------

individually packed

GLASS PROFILE

length = 250 cm - pack 5 pcs			H		
ART.	finishing		10	12,5	19
STAINLESS STEEL					
GPS2/	satin stainless steel AISI 304 DIN 1.4301		31548	31549	31544

individually packed

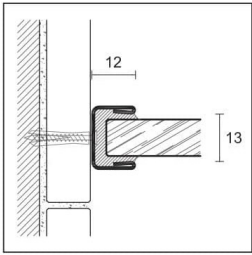


GPS/6

GLASS PROFILE - END CAP FOR GPS2/19

pack 5 pcs		
ART.	GPS/6	
STAINLESS STEEL		
satin stainless steel AISI 304 DIN 1.4301		31564
MATT BLACK COLOUR-COATED STAINLESS STEEL		
matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		31566

no partial packaging



GPS14/12

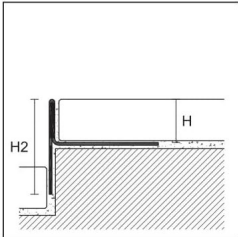
GLASS PROFILE

pack 5 pcs			
ART.		GPS14/12	
STAINLESS STEEL			
length cm		210	250
satin stainless steel AISI 304 DIN 1.4301		32000	32001

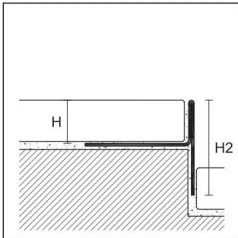
individually packed



GPS3/SX/10 satin stainless steel AISI 304 DIN 1.4301



GPS3/DX/



GPS3/SX/

GLASS PROFILE

length = 98 cm - pack 5 pcs

ART.	finishing		H	H2	DX	SX
STAINLESS STEEL						
GPS3/ /10	satin stainless steel AISI 304 DIN 1.4301		10	25	31615	31617
GPS3/ /11	satin stainless steel AISI 304 DIN 1.4301		11	26	31619	31620
GPS3/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	27,5	31625	31627
MATT BLACK COLOUR-COATED STAINLESS STEEL						
GPS3/ /10	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		10	25	31616	31618
GPS3/ /11	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		11	26	31629	31630
GPS3/ /12	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		12,5	27,5	31626	31628

individually packed

GLASS PROFILE

length = 120 cm - pack 5 pcs

ART.	finishing		H	H2	DX	SX
STAINLESS STEEL						
GPS3/ /10	satin stainless steel AISI 304 DIN 1.4301		10	28	31645	31647
GPS3/ /11	satin stainless steel AISI 304 DIN 1.4301		11	29	31649	31650
GPS3/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	30,5	31655	31657
MATT BLACK COLOUR-COATED STAINLESS STEEL						
GPS3/ /10	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		10	28	31646	31648
GPS3/ /11	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		11	29	31652	31654
GPS3/ /12	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		12,5	30,5	31656	31658
individually packed						

GPS3/ is also available in 8 mm height on request, with a minimum order of 30 pcs.

Complete the article code with DX and SX (DX = RH and SX = LH) - for example GPS3//10 RH becomes GPS3/DX/10)

GLASS PROFILE

length = 148 cm - pack 5 pcs

ART.	finishing		H	H2	DX	SX
STAINLESS STEEL						
GPS3/ /10	satin stainless steel AISI 304 DIN 1.4301		10	33	31675	31677
GPS3/ /11	satin stainless steel AISI 304 DIN 1.4301		11	34	31679	31680
GPS3/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	35,5	31685	31687
MATT BLACK COLOUR-COATED STAINLESS STEEL						
GPS3/ /10	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		10	33	31676	31678
GPS3/ /11	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		11	34	31682	31684
GPS3/ /12	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		12,5	35,5	31686	31688

individually packed

GLASS PROFILE

length = 200 cm - pack 5 pcs

ART.	finishing		H	H2	DX	SX
STAINLESS STEEL						
GPS3/ /10	satin stainless steel AISI 304 DIN 1.4301		10	51	31694	31695
GPS3/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	53,5	31698	31699

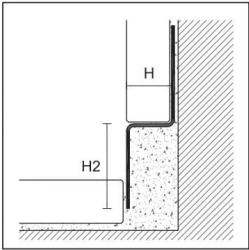
individually packed



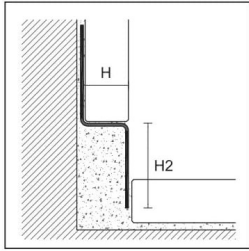
GPS3/DX/10 matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301



GPS4/DX/10 matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301



GPS4/DX/



GPS4/SX/

GLASS PROFILE						
length = 98 cm - pack 5 pcs						
ART.	finishing		H	H2	DX	SX
STAINLESS STEEL						
GPS4/ /10	satin stainless steel AISI 304 DIN 1.4301		10	23	31715	31717
GPS4/ /11	satin stainless steel AISI 304 DIN 1.4301		11	23	31716	31718
GPS4/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	23	31725	31727
MATT BLACK COLOUR-COATED STAINLESS STEEL						
GPS4/ /10	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		10	23	31719	31720
GPS4/ /11	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		11	23	31722	31724
GPS4/ /12	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		12,5	23	31726	31728

individually packed

GLASS PROFILE

length = 120 cm - pack 5 pcs

ART.	finishing		H	H2	DX	SX
STAINLESS STEEL						
GPS4/ /10	satin stainless steel AISI 304 DIN 1.4301		10	26	31745	31747
GPS4/ /11	satin stainless steel AISI 304 DIN 1.4301		11	26	31746	31748
GPS4/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	26	31755	31757

MATT BLACK COLOUR-COATED STAINLESS STEEL

GPS4/ /10	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		10	26	31749	31750
GPS4/ /11	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		11	26	31752	31754
GPS4/ /12	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		12,5	26	31756	31758

individually packed

GLASS PROFILE

length = 148 cm - pack 5 pcs

ART.	finishing		H	H2	DX	SX
STAINLESS STEEL						
GPS4/ /10	satin stainless steel AISI 304 DIN 1.4301		10	31	31775	31777
GPS4/ /11	satin stainless steel AISI 304 DIN 1.4301		11	31	31776	31778
GPS4/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	31	31785	31787

MATT BLACK COLOUR-COATED STAINLESS STEEL

GPS4/ /10	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		10	31	31779	31780
GPS4/ /11	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		11	31	31782	31784
GPS4/ /12	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		12,5	31	31786	31800

individually packed

GLASS PROFILE

length = 200 cm - pack 5 pcs

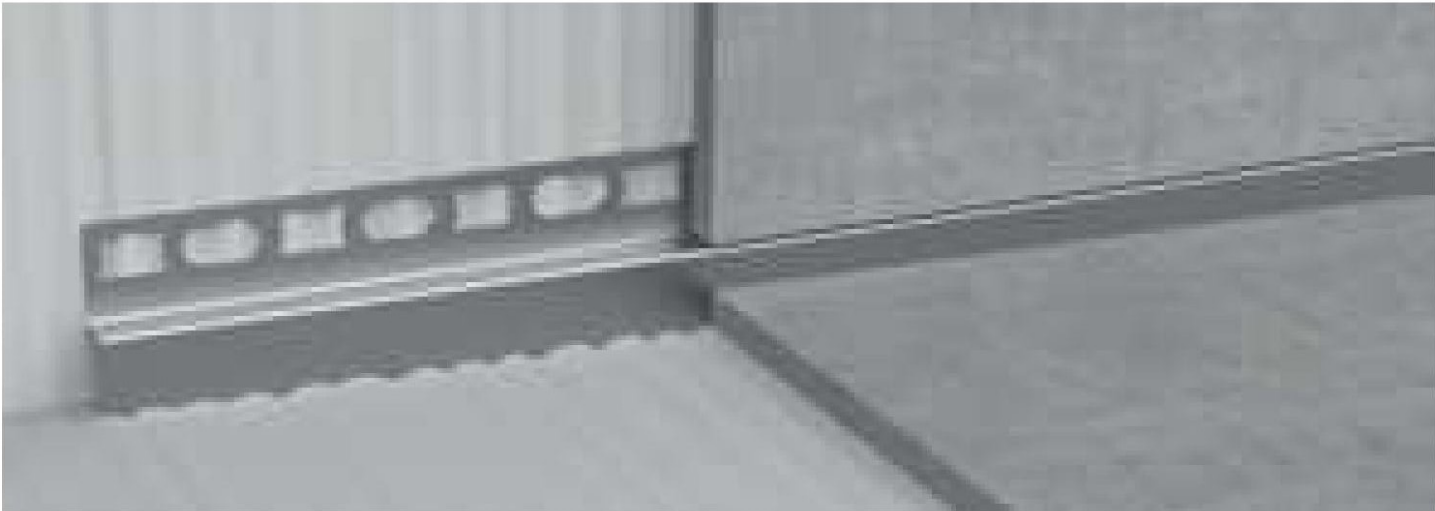
ART.	finishing		H	H2	DX	SX
------	-----------	--	---	----	----	----

STAINLESS STEEL

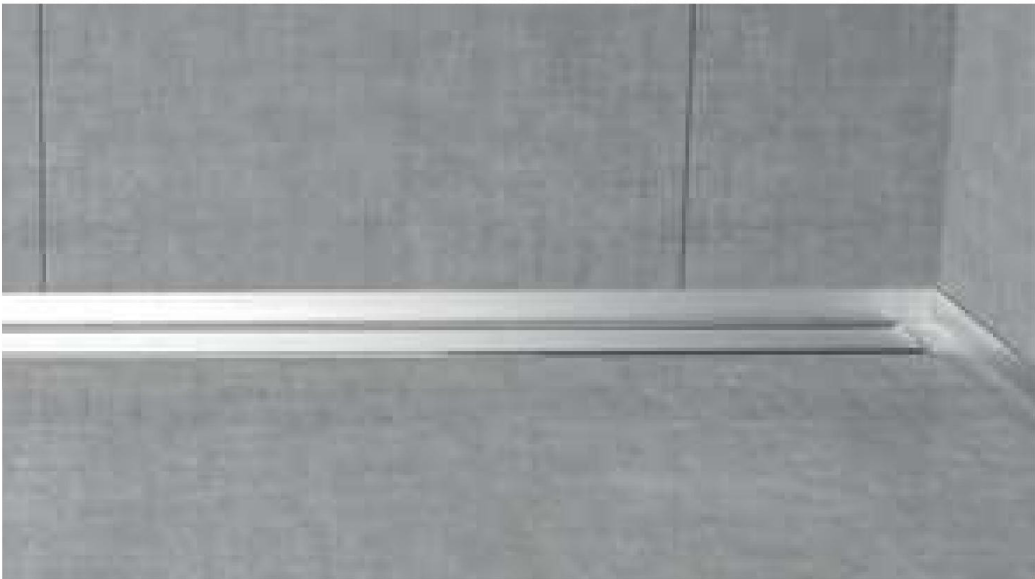
GPS4/ /10	satin stainless steel AISI 304 DIN 1.4301		10	49	31794	31795
-----------	--	---	----	----	-------	-------

GPS4/ /12	satin stainless steel AISI 304 DIN 1.4301		12,5	49	31798	31799
-----------	--	---	------	----	-------	-------

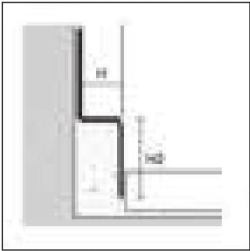
individually packed



GPS4/SX/10 satin stainless steel AISI 304 DIN 1.4301



GPS5/ satin stainless steel AISI 304 DIN 1.4301



GPS5/

GLASS PROFILE

length = 125 cm - pack 5 pcs						
ART.	finishing		H		H2	
STAINLESS STEEL				23	33	45
GPS5/10/	satin stainless steel AISI 304 DIN 1.4301		10	31551	31553	31559
GPS5/11/	satin stainless steel AISI 304 DIN 1.4301		11	31563	31572	-
GPS5/12/	satin stainless steel AISI 304 DIN 1.4301		12,5	31555	31557	31561
MATT BLACK COLOUR-COATED STAINLESS STEEL						
GPS5/10/	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		10	31567	31568	-
GPS5/11/	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		11	31570	31571	-
GPS5/12/	matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301		12,5	31573	31574	-

individually packed

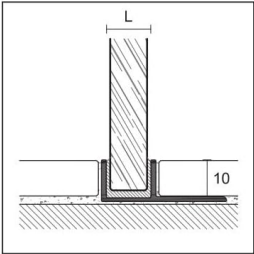
GPS5/ is also available in 8 mm height on request, with a minimum order of 30 pcs.



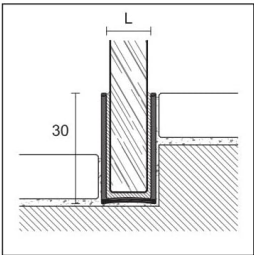
GPS5/ matt black RAL 9005 colour-coated stainless steel AISI 304 DIN 1.4301



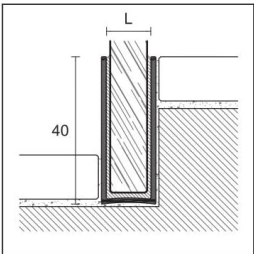
GU/40/12 + TGU/12 silver anodised aluminium



TGU/



GU/30/



GU/40/

GLASS PROFILE

length = 270 cm - pack 10 pcs		L	
ART.	finishing	12	14
ALUMINIUM			
TGU/	silver anodised	 67760	67762

individually packed

GLASS PROFILE

length = 270 cm - pack 10 pcs		L	
ART.	finishing	12	14
ALUMINIUM			
GU/30/	silver anodised	 67770	67772
GU/40/	silver anodised	 67780	67782

individually packed

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction: 1-888-365-0614

Canada:

1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

Edition Date: November 30, 2023 MK 13372 (24-2081)

For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.

All Rights Reserved. © 2023 MAPEI Corporation.

