

SANITEC RS

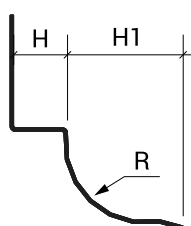
PRODUCT DESCRIPTION



SANITEC RS-IL stainless steel cove-shaped profiles are easy to clean and designed to meet hygiene standards in public spaces subject to sanitary inspection, such as hospitals, food processing plants and public bathrooms. This transition profile is installed on site flush against wall and floor coverings.

TECHNICAL FEATURES

Length: 2.70 meters - 8'10"



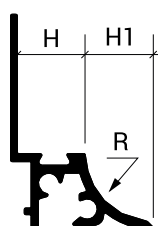
Stainless Steel

R = 5/8" - 16 mm

RS80IL: H1 = 29/32" - 22.8 mm

RS100IL: H1 = 13/16" - 20.8 mm

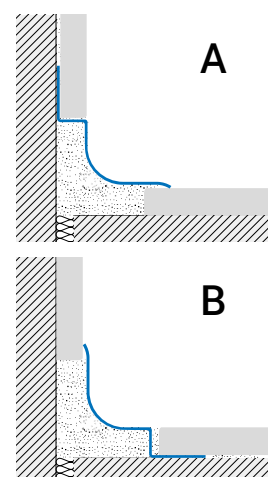
RS125IL: H1 = 23/32" - 18.3 mm



Aluminum

R = 3/8" - 10 mm

H1 = 3/8" - 10 mm



MATERIAL DESCRIPTION

Stainless Steel

Steel profiles are made by cold forming sheets of constant thickness, thus differing from the corresponding aluminum and brass versions made by hot extrusion, while maintaining their application and dimensional characteristics. Stainless steel effectively resists high mechanical stress and is particularly suitable for use in the chemical, food, and hospital sectors, where hygiene, durability, and chemical resistance are essential. Normally produced with a semi-gloss finish, a brushed finish can also be achieved by partially removing material using rotating nylon and quartz fiber brushes. This process gives the surface a matte appearance without altering its characteristics.

AISI 304 STAINLESS STEEL - EN X 5 CrNi 18 10 - DIN 1.4301:

This steel belongs to the AUSTENITIC category and is the most widespread and commonly used alloy for products requiring high technical and performance characteristics. It is highly resistant to most chemical agents but may stain or darken superficially; a standard polishing product is sufficient to restore its original appearance.



IL

sanitec >> RS in Stainless Steel AISI 304 - DIN 1.4301		
Item	H inch	Finish
RS80IL270	5/16	IL - Polished
RS100IL270	3/8	IL - Polished
RS125IL270	1/2	IL - Polished

sanitec >> RSI-RSE Inside/Outside Corners for RS in stainless steel - Floor (B)		
Item	H inch	Finish
RSIILSET2	X	IL - Polished
RSEILSET2	X	IL - Polished

sanitec >> RSIR-RSER Inside/Outside Corners for RS in stainless steel - Wall (A)		
Item	H inch	Finish
RSIRILSET2	X	IL - Polished
RSERILSET2	X	IL - Polished

MATERIAL DESCRIPTION

Aluminum

The primary aluminum alloy EN AW-6060 in T6 temper is suitable for complex extrusions, offering high strength and an excellent natural surface finish that lends itself well to subsequent finishing processes.

ANODIZED ALUMINUM:

The anodic oxidation process provides protection against corrosion caused by atmospheric agents, without involving galvanic treatments.

In accordance with the EN 12373 standard, profiles undergo preliminary treatments that create a uniformly matte surface. They are then colored through an electrochemical oxidation process in standard finishes: Silver, Gold, Bronze, Copper, and Titanium, with a coating thickness of up to 20 microns.

BRIGHT POLISHED ALUMINUM:

The brightening process consists of a mechanical-chemical polishing treatment and the subsequent anodic bath in Gold, Chrome, Copper and Titanium colors. The resulting profiles retain the same corrosion resistance as standard anodized profiles.



AS



AT



AGRS



ASSB



ATSB



sanitec >> RS in Anodized Aluminum		
Item	H inch	Finish
RS80AS270	5/16	AS - Silver
RS100AS270	3/8	AS - Silver
RS125AS270	1/2	AS - Silver
RS80AT270	5/16	AT - Titanium
RS100AT270	3/8	AT - Titanium
RS125AT270	1/2	AT - Titanium

sanitec >> RSI-RSE Inside/Outside Corners for RS in Anodized Aluminum - Wall		
Item	H inch	Finish
RSIASSET	X	AS - Silver internal corner
RSIATSET	X	AT - Titanium internal corner
RSEASSET	X	AS - Silver External corner
RSEATSET	X	AT - Titanium external corner

sanitec >> RSF end cap in Anodized Aluminum		
Item	H inch	Finish
RSFASSET2	X	AS - Silver
RSFATSET2	X	AT - Titanium

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sanitec >> RS in Brushed Aluminum		
Item	H inch	Finish
RS80AGRS270	5/16	AGRS - Brushed graphite
RS100AGRS270	3/8	AGRS - Brushed graphite
RS125AGRS270	1/2	AGRS - Brushed graphite

sanitec >> RSI-RSE Inside/Outside Corners for RS in Brushed Aluminum - Wall		
Item	H inch	Finish
RSIAGRSSET	X	AGRS - Brus. graphite int. corner
RSEAGRSSET	X	AGRS - Brus. graphite ext. corner

sanitec >> RSF end cap in Bright Brushed Aluminum		
Item	H inch	Finish
RSFAGRSSET2	X	AGRS - Brushed graphite

sanitec >> RS in Bright Brushed Aluminum		
Item	H inch	Finish
RS80ASSB270	5/16	ASSB - Brus. brig. pol. silver
RS100ASSB270	3/8	ASSB - Brus. brig. pol. silver
RS125ASSB270	1/2	ASSB - Brus. brig. pol. silver
RS80ATSB270	5/16	ATSB - Brig. pol. brus. titanium
RS100ATSB270	3/8	ATSB - Brig. pol. brus. titanium
RS125ATSB270	1/2	ATSB - Brig. pol. brus. titanium

sanitec >> RSI-RSE Inside/Outside Corners for RS in Bright Brushed Aluminum - Wall		
Item	H inch	Finish
RSIASSBSET	X	ASS - Brus. silver int. corner
RSIATSBSET	X	ATSB - Brig. brus. titanium int. corn.
RSEASSBSET	X	ASS - Brushed silver ext. corner
RSEATSBSET	X	ATSB - Brig. brus. titanium ext. corn.

sanitec >> RSF end cap in Bright Brushed Aluminum		
Item	H inch	Finish
RSFASSBSET2	X	ASSB - Brus. brig. pol. silver
RSFATSBSET2	X	ATSB - Brig. pol. brus. titanium

APPLICATION

1. Choose a profile according to tile thickness and desired finish;
2. Cut to the desired length;
3. Spread the adhesive in the profile application area with the help of a notched trowel;
4. Position the profile by pressing it so that it is embedded in it, and then spread the resulting excess adhesive on the surface of the flap;
5. Lay the tiles, taking care to align them with the profile and leave a gap of about 3/32" - 2 mm. The profile laid properly should be installed in the same plane as the tile;
6. To apply special pieces such as external and internal corners, joints, and end caps, use a specific, long-lasting flexible adhesive such as FIXXTEC. Before application, make sure the joint surface is free of grease or similar substances, which could compromise proper bonding;
7. Clean any glue residue from the profile before it dries. Thoroughly seal joints between profile and tile.

N.B.: Aluminum profiles offer limited resistance to alkaline substances, so their use must be evaluated according to the expected chemical aggressions. Aluminum profiles in contact with cementitious substances can be attacked by corrosion processes, so residues of adhesives and sealants used must be removed immediately. When laying, the right amount of adhesive must be used and the right drying times observed, avoiding creating cavities in which water can stagnate, which would lead to the formation of alkaline substances (aluminum hydroxide) and trigger corrosive electrolytic phenomena.

CLEANING AND MAINTENANCE

STAINLESS STEEL:

Stainless steel is easy to clean and very hygienic because of its smooth, nonporous surface, which hinders the growth of bacteria. To keep it in good condition, simply wash it with warm soapy water, rinse it thoroughly and dry it with a soft cloth. If exposed to weathering, periodic cleaning is recommended to prevent corrosion. Brushed surfaces should be cleaned in the direction of brushing. In case of scratches, a specific polish can be used with a soft cloth.

Avoid cleaning agents containing hydrochloric acid, hydrofluoric acid or bleach, as well as abrasive products. Do not leave ordinary steel objects in contact with stainless steel to prevent contamination and rust stains. Also, do not leave damp patches or sponges on the surface to prevent water halos.

ALUMINIUM:

Aluminum requires no special maintenance.

For cleaning, use colorless alcohol diluted in water or neutral detergents, avoiding acidic ones (e.g., hydrochloric or hydrofluoric acid); use non-abrasive sponges or cloths to avoid damage. We recommend not applying cleaners directly to surfaces. After cleaning, rinse with water and dry immediately with a soft cloth. Avoid polishes. Quickly remove residual cement or grout to protect the surface.

WARNINGS

These profiles should be handled with care, using cut-resistant gloves. The indications and prescriptions herein, while corresponding to our experience, are to be considered purely indicative and must be confirmed by exhaustive practical applications. Profilitec declines any responsibility for any damage to people or things resulting from improper use of the products. The user is required to determine whether or not the product is suitable for use and assumes all responsibility arising from incorrect installation of the material.

BILL OF QUANTITIES ITEM

Supply and installation of profile in _____ (material), with finish _____
 _____ (see Material Description section) of characteristic size _____ mm, with concave
 sanitary cove function and a curvature radius of 5/8" - 16 mm.

Profile family type _____ of Profilitec company as a closing and protection profile for the covering,
 to be supplied and installed in a professional manner, respecting the methods and application fields indicated by the
 manufacturer.

Profile length: 2700 mm

Profile SKU: _____

Material: _____ \$/pc

Installation: _____ \$/pc

Totale price: _____ \$/pc