

TRIMTEC TR

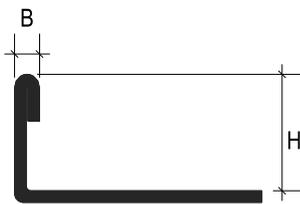
PRODUCT DESCRIPTION



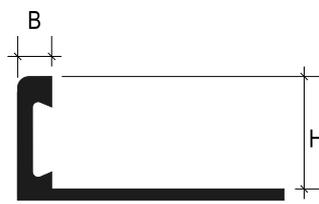
TRIMTEC TR is a complete range of brass, aluminum and stainless steel trim profiles designed for fast and efficient installation of any flooring type, regardless of size and thickness. TRIMTEC TR is available in various heights from 2 to 30 mm, matching different tile thicknesses. In the aluminum and brass versions, a dovetail groove maximizes the grout grip and edge protection for both vertical and horizontal tile laying. TRIMTEC TR profiles are conceived for tile laying, but can also be used with other types of flooring such as stone, wood and industrial resin floors. TRIMTEC TR profiles are mainly used as transition trims between two types of flooring (for example between tiling and carpeting) and as expansion joints when two lengths are laid side by side. They can also be used as trimming for ceramic baseboards and as edge protection for any floor thickness. In some cases the profiles may be used as entrance mat framing.

TECHNICAL FEATURES

Length: 2,70 meters



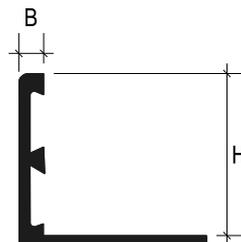
Stainless Steel
B = 2 mm



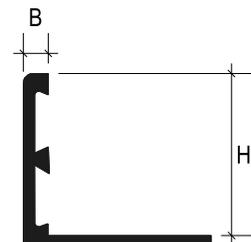
Aluminum TR 60 ÷ 150
B = 3 mm



Brass TR 60 ÷ 150
B = 3 mm



Aluminum TR 175 ÷ 225
B = 3 mm



Brass TR 175 ÷ 300
B = 3 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.

STAINLESS STEEL AISI 316 – EN X 2 CrNiMo 17 12 2 – DIN 1,4404:

Also belonging to the AUSTENITIC category, this steel is characterized by the addition of Molybdenum to the Nickel-Chromium alloy, which provides excellent resistance in extreme conditions.



IL/ILM



IS



IX

trimtec >> TR in Stainless Steel AISI 304 - DIN 1.4301 Polished			
Item	H mm	Finish	
TR20IL270	2	IL - Polished	
TR30IL270	3	IL - Polished	
TR45IL270	4,5	IL - Polished	
TR60IL270	6	IL - Polished	☑
TR80IL270	8	IL - Polished	☑
TR100IL270	10	IL - Polished	☑
TR110IL270	11	IL - Polished	☑
TR125IL270	12,5	IL - Polished	☑
TR150IL270	15	IL - Polished	☑
TR175IL270	17,5	IL - Polished	☑
TR200IL270	20	IL - Polished	☑
TR225IL270	22,5	IL - Polished	☑
TR250IL270	25	IL - Polished	☑
TR275IL270	27,5	IL - Polished	☑
TR300IL270	30	IL - Polished	☑

trimtec >> TR in Stainless Steel AISI 304 - DIN 1.4301 Brushed		
Item	H mm	Finish
TR45IS270	4,5	IS - Brushed
TR60IS270	6	IS - Brushed
TR80IS270	8	IS - Brushed
TR100IS270	10	IS - Brushed
TR110IS270	11	IS - Brushed
TR125IS270	12,5	IS - Brushed
TR150IS270	15	IS - Brushed
TR175IS270	17,5	IS - Brushed
TR200IS270	20	IS - Brushed
TR225IS270	22,5	IS - Brushed
TR250IS270	25	IS - Brushed
TR275IS270	27,5	IS - Brushed
TR300IS270	30	IS - Brushed

trimtec >> TR in Stainless Steel AISI 316 - DIN 1.4404 Polished		
Item	H mm	Finish
TR60ILM270	6	ILM - Polished
TR80ILM270	8	ILM - Polished
TR100ILM270	10	ILM - Polished
TR110ILM270	11	ILM - Polished
TR125ILM270	12,5	ILM - Polished
TR150ILM270	15	ILM - Polished

trimtec >> TR in Stainless Steel AISI 304 - DIN 1.4301 Sanded		
Item	H mm	Finish
TR100IX270	10	IX - Sanded
TR110IX270	11	IX - Sanded
TR125IX270	12,5	IX - Sanded

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.



AN



AS

ACCESSORIES



TRC100AS

trimtec >> TR in Natural Aluminum			
Item	H mm	Finish	
TR20AN270	2	AN - Natural	☑
TR30AN270	3	AN - Natural	☑
TR45AN270	4,5	AN - Natural	☑⊗
TR60AN270	6	AN - Natural	☑⊗
TR80AN270	8	AN - Natural	☑⊗
TR100AN270	10	AN - Natural	☑⊗
TR110AN270	11	AN - Natural	☑⊗
TR125AN270	12,5	AN - Natural	☑⊗
TR150AN270	15	AN - Natural	☑⊗
TR175AN270	17,5	AN - Natural	☑
TR200AN270	20	AN - Natural	☑
TR225AN270	22,5	AN - Natural	☑

trimtec >> TR in Anodized Aluminum			
Item	H mm	Finish	
TR20AS270	2	AS - Silver	☑
TR30AS270	3	AS - Silver	☑
TR45AS270	4,5	AS - Silver	☑⊗
TR60AS270	6	AS - Silver	☑⊗
TR80AS270	8	AS - Silver	☑⊗
TR100AS270	10	AS - Silver	☑⊗
TR110AS270	11	AS - Silver	☑⊗
TR125AS270	12,5	AS - Silver	☑⊗
TR150AS270	15	AS - Silver	☑⊗
TR175AS270	17,5	AS - Silver	☑
TR200AS270	20	AS - Silver	☑
TR225AS270	22,5	AS - Silver	☑

trimcapsules >> TRC in Anodized Aluminum		
Item	H mm	Finish
TRC80ASSET2	8	AS - Silver
TRC100ASSET2	10	AS - Silver
TRC125ASSET2	12,5	AS - Silver



Profilitec S.p.A.
 Via Scotte, 3 - 36033 Isola Vicentina (Vicenza), ITALY
 Tel: +39 0444 268311
 e-mail: profilitec@profilitec.com

Profilitec Corp.
 e-mail: customerservice@profilitec.com

Profilitec France
 e-mail: france@profilitec.com

Profilitec Ibérica, S.L.U.
 e-mail: iberica@profilitec.com

MATERIAL DESCRIPTION

Brass

Profiles made from CW618N (EN 12167) brass alloy are characterized by high resistance to mechanical stress, making them particularly suitable for heavy-traffic applications, such as industrial settings and at expansion joints. Brass is resistant to most chemical agents commonly encountered during the installation of ceramic coverings. However, in the presence of humidity or aggressive substances, the surface may develop superficial oxidation, which can be removed using a standard polishing product.

These profiles can be manufactured through either hot extrusion or cold forming from sheets of constant thickness.

POLISHED BRASS:

This finish is obtained using specialized polishing machines that mechanically enhance the surface without altering the material's intrinsic properties. In the presence of oxidizing agents, some surface darkening may occur, which can be easily restored using common polishing products.



ON



OL

trimtec >> TR in Natural Brass			
Item	H mm	Finish	
TR20ON270	2	ON - Natural	☑
TR30ON270	3	ON - Natural	☑
TR45ON270	4,5	ON - Natural	☑☒
TR60ON270	6	ON - Natural	☑☒
TR80ON270	8	ON - Natural	☑☒
TR100ON270	10	ON - Natural	☑☒
TR125ON270	12,5	ON - Natural	☑☒
TR150ON270	15	ON - Natural	☑☒
TR175ON270	17,5	ON - Natural	☑
TR200ON270	20	ON - Natural	☑
TR225ON270	22,5	ON - Natural	☑
TR250ON270	25	ON - Natural	☑
TR275ON270	27,5	ON - Natural	☑
TR300ON270	30	ON - Natural	☑

trimtec >> TR in Polished Brass		
Item	H mm	Finish
TR20OL270	2	OL - Polished
TR30OL270	3	OL - Polished
TR45OL270	4,5	OL - Polished
TR60OL270	6	OL - Polished
TR80OL270	8	OL - Polished
TR100OL270	10	OL - Polished
TR125OL270	12,5	OL - Polished
TR150OL270	15	OL - Polished
TR175OL270	17,5	OL - Polished
TR200OL270	20	OL - Polished
TR225OL270	22,5	OL - Polished
TR250OL270	25	OL - Polished
TR275OL270	27,5	OL - Polished
TR300OL270	30	OL - Polished

APPLICATION

1. Choose the H-size profile corresponding to the thickness of the tile to be laid, taking care to ensure that the profile does not exceed the edge of the floor but is positioned 0.5 to 1 mm lower.
2. Spread the adhesive in the profile application area with the help of a notched trowel;
3. Cut the profile to the required length and place it with the perforated side in the adhesive, pressing and aligning it;
4. Apply an additional layer of adhesive to the perforation and in the cavities of the vertical section of the profile in contact with the edge of the floor;
5. Tend to leave a gap of about 2 mm between the profile and the tile edge to be filled later with sealant or grout.

Please note: 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 used adhesives and sealants should 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.

Profilitec S.p.A.
 Via Scotte, 3 - 36033 Isola Vicentina (Vicenza), ITALY
 Tel: +39 0444 268311
 e-mail: profilitec@profilitec.com

Profilitec Corp.
 e-mail: customerservice@profilitec.com

Profilitec France
 e-mail: france@profilitec.com

Profilitec Ibérica, S.L.U.
 e-mail: iberica@profilitec.com

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.

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.

ALUMINUM:

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.

BRASS:

Brass does not require special maintenance and is easily cleaned with alcohol diluted in water or with neutral detergents, avoiding those with an acidic base.

It is recommended to use water with mild detergents, ensuring the final rinse is with water only. To avoid scratches, use exclusively non-abrasive cloths or sponges. For maintenance, common polishes available on the market can be used.

BILL OF QUANTITIES ITEM

Supply and installation of profile in _____ (material), with _____
 _____ finish (refer to the Material Description section) in the characteristic size _____ mm,
 equipped with a punched flange that guarantees a perfect grip with the adhesive used. Profile with dovetail inner part
 for better adhesive grip.

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: _____ €/m

Installation: _____ €/m

Totale price: _____ €/m

Profilitec S.p.A.
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 e-mail: customerservice@profilitec.com

Profilitec France
 e-mail: france@profilitec.com

Profilitec Ibérica, S.L.U.
 e-mail: iberica@profilitec.com