



ATLAS 102

aluminium drip profile for balconies and terraces

- innovative eave sealing system
- part of balcony and terrace insulation systems
- resistant to highly alkaline environments: mortars and insulating coatings
- resistant to UV radiation and mechanical damage
- easy and quick installation



Profile properties

Protected against corrosion - the aluminium profile is coated with two types of protective coating.

It has a profiled drip, draining water away from the wall surface.

Allows easy and airtight installation of ATLAS HYDROBAND 3G insulation tape (included) and its connection to the sub-tile insulation.

It has a shaped threshold and an attached expansion cord which allows the ceramic cladding to work properly.

It has a long-lasting durability - it is resistant to weather conditions, corrosion, the aggressive effects of cement mortars, cementitious insulation coatings and the environment, including very high pH and UV radiation.

It is produced in three standard colours - grey (RAL 7037), brown (RAL 8019) and graphite (RAL 7024). It is possible to order any colour from the RAL palette (minimum order quantity for the Main Profile is 10 pieces). The lead time for custom orders is 14 working days.

Purpose of drip systems

Ensures tightness is maintained in the drip areas.

Provides effective drainage of rainwater beyond the eave - from balcony or terrace surfaces.

It protects the surfaces below the eave from dampness from water running off the slope.

It protects the edges of the tiles from mechanical damage.

Substrate types - cementitious subfloors and other substrates having adequate stiffness or bearing capacity.

Technical data

The trim profiles and accessories are made of polyester-coated aluminium.

Weight of main profiles of ATLAS 102 system	310 g/mr
Corrosion protection: - base: chromium plating - polyester protective coating	600 mg/m ² approx. 70 µm
Length [m]: - profile - ATLAS HYDROBAND 3G insulation tape - 6 mm diameter backer rod	200 cm 220 cm 200 cm

System components

Atlas 102 Main Drip Profile brown
Atlas 102 Main Drip Profile grey
Atlas 102 Main Drip Profile graphite
Atlas 102 External corner 90 brown
Atlas 102 External corner 90 grey
Atlas 102 External corner 90 graphite
Atlas 102 Internal corner 90 brown
Atlas 102 Internal corner 90 grey
Atlas 102 Internal corner 90 graphite
Atlas 102 External corner 135 brown
Atlas 102 External corner 135 grey
Atlas 102 External corner 135 graphite
Atlas 102 Internal corner 135 brown
Atlas 102 Internal corner 135 grey
Atlas 102 Internal corner 135 graphite
Atlas 102 Connector brown
Atlas 102 Connector grey
Atlas 102 Connector graphite

Technical requirements

ATLAS DRIP PROFILES (2021) Declaration of performance E271/CPR EAD 220008-00-0402: June 2015 European Technical Assessment ETA-20/0676 dated 10/12/2020	
Intended use: drip profiles are intended for use on balconies and terraces, including loggias, covered with stone, concrete or ceramic flooring in systems with waterproofing insulation. of sealing mortar, bitumen, PVC, EPDM or resin. The slope of the terrace or balcony slab should be 1.5 to 2%.	
Reaction to fire	A2-s1,d0
Corrosion resistance. Properties of the polyester coating: - coating thickness - adhesion - hardness	≥ 60 µm 0 ≥ 80

General assembly rules

Substrate and profile preparation

The substrate must be load-bearing, even and free from contamination. Cement bases should be bonded and seasoned (see requirements for ATLAS WODER DUO, ATLAS WODER DUO EXPRESS). Along the edge of the balcony or terrace, across the width of the profile to be installed (60 mm), the substrate should have a step (lowering by about 3 mm) so that after installation of the profile, its surface is flush with the plane of the substrate. For this purpose, an ABS template is attached to the profile, which must be blended into the top layer during the application of the primer. Alternatively, after the primer has set, the required profiling must be carried out, e.g. with a cutter.

Once the primer has set, the ABS template should be removed and the ATLAS 102 profile should be fitted. and fix the ATLAS 102 profile. Before laying the profiles, they must be carefully measured and cut to the dimensions of the edge to be treated. On the substrate, mark the locations of the fasteners, drill the holes and install the shirts.

Assembly of system components

Fill the substrate with ATLAS WODER DUO or ATLAS WODER DUO EXPRESS waterproofing, apply the prepared profile and fix it mechanically. The installation of the drip elements should be started from the CORNERS. On the profile that is in contact with the wall, the systemic ENDING should be applied beforehand. A minimum distance of 5 mm must be maintained between the profile and the wall face. Connections: MAIN PROFILE-to-CORNER and MAIN PROFILE-to-MAIN PROFILE - make the connections with the CONNECTORS. These joints should have an expansion gap of 1-2 mm. Apply the system connectors to the gaps between the profiles, and the rest of the gap (on the floor side) should be sealed with permanently elastic compound, e.g. ATLAS ELASTIC SANITARY SILICONE or ATLAS SANITARY SILICONE SITON S.

Apply waterproofing to the profile and to the substrate (along the ATLAS HYDROBAND 3D tape) and paste the full width of the tape fixed in the profile into it. Then carry out sub-tile insulation over the entire balcony or terrace surface. Lay the tiles in accordance with the requirements of the technical data sheet of the ATLAS product used, paying attention to the necessity of leaving the drainage holes of the profile unobstructed (remove any possible impurities). At the joint between the ceramic tiling and the profile leave a 5 mm gap. Place the included rod in the gap and fill it, e.g. with ATLAS ELASTIC SANITARY SILICONE or ATLAS SANITARY SILICONE SITON S..

Packaging

Type of element	Type of packaging	Number of pieces packaged
Main profile 2 m long	film	1
Internal or external corner	cardboard	1
Connector	cardboard	5
Ending: set (left and right)	cardboard	2

Storage and transport

The profiles must be transported in their original packaging, horizontally and protected from mechanical damage. Store in rooms protected from dirt, deformation and scratches, in cardboard boxes in layers (max. 10 layers).

Important additional information

Profile cleaning should be carried out at least twice a year. It is best to use clean water and a cloth that does not scratch the surface. Strongly acidic or strongly alkaline cleaning agents as well as surfactants which may react with aluminium. Organic solvents containing esters, ketones, alcohols, aromatic compounds, glycol esters, chlorinated hydrocarbons, etc. must not be used. After each wash, the surface must be rinsed immediately with clean cold water. Salt and chemicals must not be used to remove icing in the vicinity of the profiles.

Only hand-held or power saws intended for cutting aluminium must be used to cut profiles. It is not permissible to use tools with a thermal effect (sudden increase in temperature) to cut profiles, e.g. an angle grinder.

Carry out installation work in conditions suitable for the insulation and installation materials, in accordance with the technical sheets for those materials. Protect the filler surface from excessive drying and dampness.

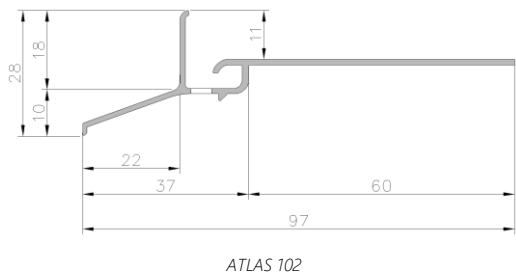
Wear protective goggles. Remove soiling with water only when fresh, before setting.

The information contained in this Technical Data Sheet is a basic guideline for the use of the product and does not release you from the obligation to carry out the work in accordance with the rules of the art of construction and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid.

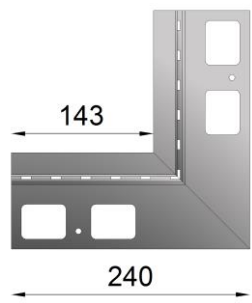
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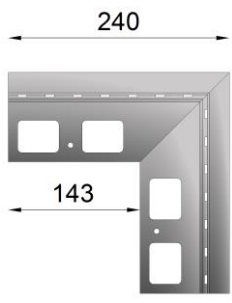
Profile cross-section



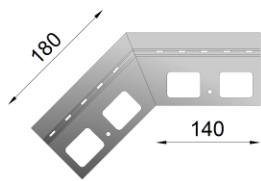
Corner projections



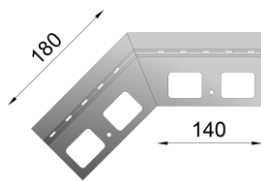
ATLAS 102 External corner 90°



ATLAS 102 Internal corner 90°



ATLAS 102 External corner 135°



ATLAS 102 Internal corner 135°