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DECLARATION OF PERFORMANCE N.100

Product type: Balcony profile **STONE**

(1) Product identification code: Product group 39

(2) Serial number: 39 9001

(3) Intended use: Gutter profile made of aluminium serves to drain water from balconies and terraces.

(4) Manufacturer: Celox spol. s r. o., Záhradná 583/52, 900 23 Viničné

Declaration:

We hereby declare that there is no harmonized standard for this product group and therefore it is not subject to the CE standard.

(9) Declared performances: The performance of the product is specified in the technical data sheet which forms an integral part of this declaration.

This declaration is issued under the sole responsibility of the manufacturer referred to in point (4).

Ivan Fischer
Director general

Viničné, 1. 7. 2018

TECHNICAL DATA SHEET OF THE PRODUCT

Balcony profile **STONE**

Use

Is a finishing profile with an overhang of 20 to 40 mm; height of the finishing edge is 11 mm. The profile is designed to ensure the perfect finishing of balconies and terraces when laying stone carpets. However, the profile can be used when laying ceramic tiles, too. In the lower part of the profile, there are drainage holes, which provide perfect drainage of water vapour or possibly water, which penetrates stone carpets. It is possible to fix a metal cover plate to the profile, which perfectly protects the front part of the balcony or covers the repaired front part after renovation. Put the cover metal plate into the lock of the balcony profile **STONE**. Fix it to the balcony front part using screws.

Characteristics

- Leak tightness in drip areas
- Perfect drainage of water and humidity accumulated in stone carpets
- Resistance to corrosion and weather
- Simple and fast assemblage
- Aesthetic

Technical parameters

Length: 2,5 m

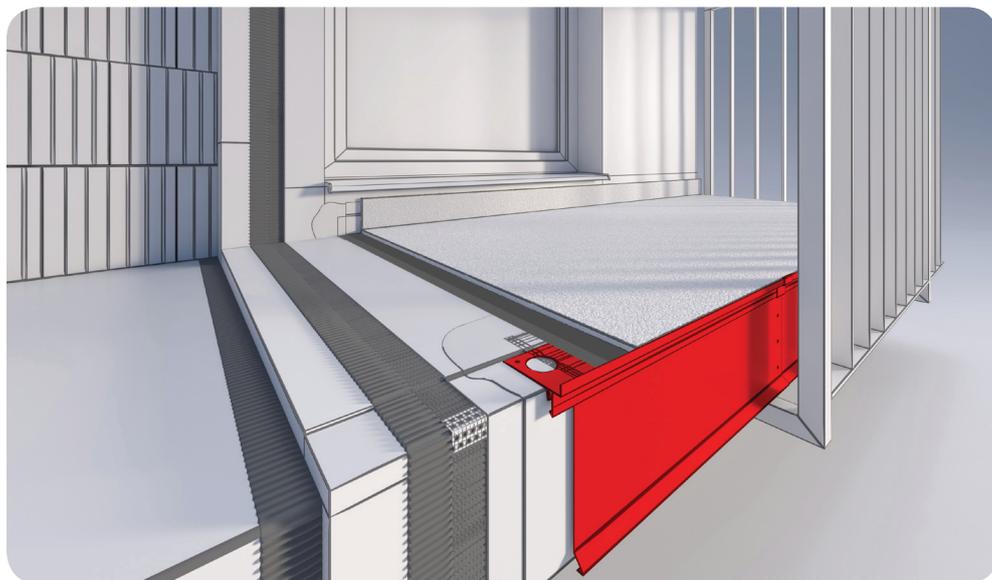
Colour: anodic oxidation: silver

Material: Al

Packaging: carton 12 pcs, pack 5 pcs

Type of underlay

Cement and other underlying layer, which have the appropriate stiffness and loading capacity. Or wedge plates EPS.



Preparation of the base

The base must be load-bearing, flat and free of impurities. The cement underlying layers must be cured, matured with duly dilatation. Along the balcony edge, lowering of approx. 3 mm must be made so its surface will be at the same level as the base surface after the profile assemblage. Lowering can be made as follows:

1. In case, that the cement underlying layer is fresh - by immersing an assembly template into fresh mortar.
2. In case, that underlying mortar is stiff - by laying the assembly template to the base area and evening up the upper area by levelling mortar.
3. A groove cut into the wedge EPS

Tools

Folding ruler or measuring tape, aluminium cutting saw knife, mixer or low-speed electric drill, stainless steel smoothing trowel, painters' brush, mason spatula or trowel, steel notched trowel (4 mm). It is permissible to use hand or mechanical saws for aluminium cutting. It is not permissible to cut profiles with tools, which cause thermal effects (rapid temperature increase). Angle grinder for example.

Conditions of implementation

The assemblage of profiles needs to be performed under conditions appropriate for insulation and assembly materials, such as sealing mortar, mechanical or chemical joints, other materials and in accordance with technical data sheets of these materials.

Corrosion resistance

Aluminium reacts in the air with oxygen, and an extremely slight oxidic layer is created. Even though it is thick just a few hundredths of a micrometer, it provides perfect protection against corrosion because of its density. In the event of damage, it will be restored by itself. Anodic oxidation (anodising) increases the thickness of an oxide layer and thus improves corrosion protection. In the case of the anodised profiles and supplements (corners, angles) there may be a slight change of tone. In the welded area of the corner and angle profiles, there may be a tone change, which does not constitute a defect.

General installation instructions

Wear goggles during the execution of the works. If the profiles get dirty during the installation, it is possible to clean the profile quickly using water. Dried profiles shall be cleaned using an appropriate cleaning agent which does not damage the varnished surface. Follow the instructions specified in product technical data sheets or other reference documents required by law and use materials appropriate for the balcony and terrace usage in respect of the use of other materials, especially sealing mortars, adhesive mortars, joints, reinforcing tapes, elastic seals and others. The manufacturer is not liable for the damages caused by the use of a product, which does not satisfy the product function or by using inappropriate accompanying materials and using inappropriate tools. Therefore, it is necessary to perform the works in accordance with the project, technical instructions, relevant standards, rules of building skill and safety and health legislation.

General operational instructions

Clean the profiles at least twice a year. When cleaning, use clean water and a cloth, which does not scratch the surface. It is forbidden to use strongly acidic or strongly alkaline cleaning agents as well as surfactants, which could react with aluminium. It is forbidden to use organic solvents, containing esters, ketones, alcohol, aromatic compounds, glycol esters, chlorinated hydrocarbons etc. Surface must be immediately rinsed with clean cold water after each wash. It is forbidden to use salts and chemical

agents for ice removal near the profiles. It is recommended to carry out technical check of balconies and terraces twice a year in order to check the technical condition of the individual elements. If shortcomings are detected, it is necessary to remedy them.

Transport and storage

Transport in original carton packages, in a horizontal position. Prevent mechanical damage. Store in rooms that will protect them from fouling, deformation and scratches, in cartons of up to 10 layers.

Packaging

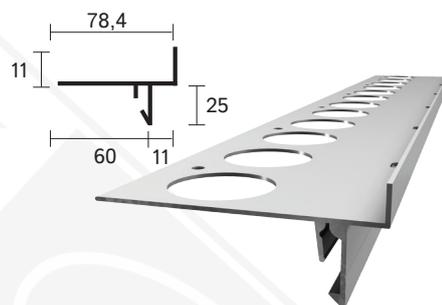
Balcony profile - STONE: length 2,5 lm, 12 pcs in carton packages

Corners, Angles: 10 pcs in carton packages

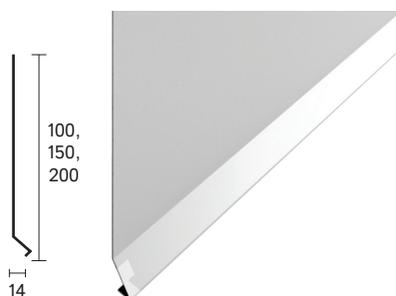
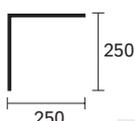
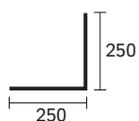
Connector: 5 pcs

Metal sheet: 5 pcs in a pack

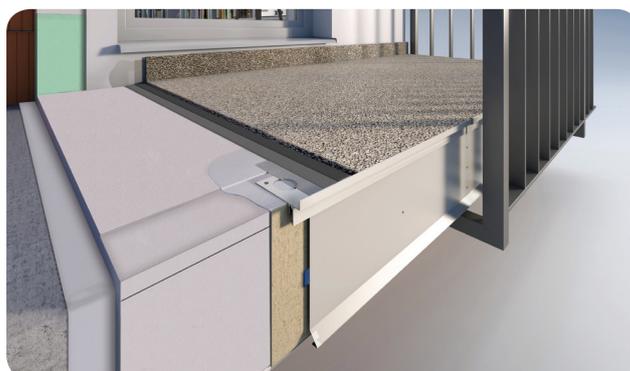
Balcony profile - STONE dimensions



Accessories



Installation example of the Balcony profile - STONE





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! ATTENTION:

Since the release of this „Technical data sheet,“ the previous version becomes invalid.

The above information shall refer exclusively to the general conditions for the use of our products, and they are not a substitute for the technical project. In case of use in different conditions, the contractor is required to verify, if our products are suitable for use at these conditions.

In liaison with products of the company CELOX, we recommend to use materials of the verified manufacturers. Installation instructions are only indicative and may differ from the selected project as well as from the technology of a particular supplier of the entire system solution.

