

TECHNICAL DESCRIPTION – DECORATIVE PROFILES SPACE - SHADOW

Brief description

The **SPACE** and **SHADOW** decorative profiles are non-structural profiles made with **VESTA X.Resist** or **X.Fire**.

- Standard dimension of decorative profiles: 3,000 mm
 - Dimensions upon request: 2,000, 2,500, 3,000, 3,500 or 4,000 mm
 - The **SPACE** profiles are available in 2 sections: 4x6 cm, 6x8 cm and 6x18 cm
 - The **SHADOW** profile is available in 1 section: 14x2 cm
 - It can be laid horizontally or vertically, and should be integrated by the company into a global system
 - Standard M2 fire grading in **VESTA X.Resist** according to the standard NF P 92-507 (2004)
 - Optional fire grading upon request, M1 in **VESTA X.Fire** according to the standard NF P 92-507 (2004)
 - Rot-proof (durability equivalent to grade 4) and no treatment required for cut edges.
 - UV-resistance compliant with the NF EN 15534 standard.
 - Vibrated finish available in all the colours on our colour chart.
-

TECHNICAL DESCRIPTION – DECORATIVE PROFILES SPACE - SHADOW

Full description

The service will include the provision and installation of the product, in compliance with the recommendations indicated in the suggestions catalogue from NEOLIFE, available on request. The SPACE & SHADOW decorative profiles are non-structural profiles that should be integrated by the company into a global system. The full system, incorporating decorative profiles, must be justified and evidenced in terms of mechanical resistance by the company, according to the field of application and the applicable standards.

1. Description of the decorative profiles

The **SPACE** and **SHADOW** decorative profiles are non-structural profiles made with **VESTA X.Resist** or **X.Fire**.

VESTA® is a bio-sourced material composed of wood fibres, a binder and antioxidant, and mineral pigments. It creates a vibrated and even look.

The boards are available in 4 tubular sections:

- SPACE 4: 4x6 cm
- SPACE 6: 6x8 cm
- SPACE6-18 : 6x18 cm
- SHADOW 14x2 cm

The four profiles are available in all the shades on the Neolife colour chart, with the material dyed throughout.

The decorative profiles can be laid horizontally or vertically, in line with the recommendations set out in the **NEOLIFE** suggestions catalogue.

NEOLIFE offers stainless steel bracket plates for installation on walls or between slabbing. The company is free to install these profiles in other configurations if it can justify and evidence the mechanical resistances according to the field of application and the applicable standards.

2. Dimensional characteristics

Manufacturing dimensions

- Standard length: 3,000 mm
- Lengths upon request: 2,000, 2,500, 3,000, 3,500 or 4,000 mm
- SPACE 4 section: 40 x 60 mm.
- SPACE 6 section: 60 x 80 mm.
- SPACE 6x18 : 60 x 180 mm
- SHADOW section 140 x 20 mm

Dimensional tolerances of standard manufacturing elements

- Length: - 0 / + 20 mm
- Width: ± 1.0 mm
- Flatness and bend along the length: 2.0 mm/ml
- Flatness across the width: ± 1.0 mm

Nominal linear densities

- SPACE 4: 1.0 kg/ml
- SPACE 6: 1.8 kg/ml
- SPACE 6x18 : 3,6 kg/ml
- SHADOW: 1.6 kg/ml



TECHNICAL DESCRIPTION – DECORATIVE PROFILES

SPACE - SHADOW

3. Physical and mechanical characteristics

Fire

- Standard M2 fire grading in VESTA X. Resist according to the standards NF P 92-507 (2004) and PV No. EFR-20-003873 EFECTIS
- Optional fire grading upon request, M1 in VESTA X. Fire according to the standard NF P 92-507 (2004) and PV No. EFR-21-002430 EFECTIS

4. Installation principles

Decompression clearance

In general, the boards will be positioned so as to leave a gap of 5 mm between them (at the joining points) and with regard to any adjacent element in order to avoid any accumulation of dimensional variations.

Cutting the boards

The profiles can be cut using a fine-toothed saw. Small cuts can be made using a jigsaw. As the material is homogeneous and mass coloured, any cut edges don't require any particular treatment.

General principles and specific points

The figures in the suggestions catalogue constitute a catalogue of treatment examples for particular features. The company installing the product undertakes to familiarise itself with it. The **SPACE** profiles can be attached using brackets and through studs. The **SHADOW** profile is attached using a framed assembly or with plates.

Accessories

Finish and fixture accessories (not provided by **NEOLIFE**) must meet the following specifications:

- Anodic oxidation aluminium sheet, grade 15 or 20, in compliance with the NF EN 1396 standard. Thickness 10/10th, 15/10th mm or 20/10th mm.
- Galvanised steel sheet, at least Z 350, in compliance with the NF EN 10326 standard. Thickness 6/10th minimum.
- Galvanised steel sheet, at least Z 275, and pre-lacquered in compliance with the standard XP P34-301.

Refer to the NF P 24-351 standard in regard to corrosion protection for sheet metal in line with local atmospheres.