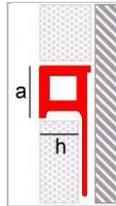


Novolistel® MAXI FUSION

h: 12 mm.

Length: 250 cm

Material: Maxi
(PVC + Natural Fibers)



NOVOLISTEL® MAXI FUSION

Emac® introduces a new range of Novolistel® Maxi based on “fine” colours, as are the silver and golden finishings, with a new application, which gives them a metallic aspect of elderly and natural appearance. These finishings have been created to be installed in interior tilings.

This square section profile, with reinforced thickness it is emphasized by its high resistance and versatility, the golden and silver highlights give to it an original touch, following the new tendencies.

Its design and the characteristics of this material give the Novolistel® Maxi Fusion an added value, as it can be adapted to an enormous variety of applications. This profile can be installed as edge to protect the corners, as decorative listel or

countertop decorating in a discreet and elegant way any kind of tile, as frame, etc...

Its installation is very easy. The fixing wings have an octagonal hole to make possible the transfer of the fixing material, guarantying an optimal installation and life.

Its high resistance is due to the Maxi material, exclusive of Emac, its peculiar finishing allows, not only multiple mechanical and physical properties, but also a similar appearance to wood.

This way Emac® manages to combine, technology, design and nature in only one product. The incorporation of the natural fibers coming from the ecological agriculture, contributes as well to the environmental conservation.

TECHNICAL CHARACTERISTICS OF MAXI

GENERAL PROPERTIES OF MAXI

- This material is exclusive of Emac® and it is a compound derived from the joining of PVC and natural fibers from recycled organic waste from agriculture, respecting, in this way, the environment and reducing the volume of organic waste.
- Through research and technological innovation this material has been obtained combining the advantages of the materials of which it is constituted.
- It has a characteristic finish, irregular, unique and original, which fits, with great versatility, numerous decorative trends.

Physical and Mechanical Properties

This material retains virtually all the properties of PVC, although its resistance is higher due to the presence of the natural fibres.

This resistance allows the material to provide an extra protection in applications used for the protection of corners and tiled steps, with similar properties to wood thanks to the presence of natural fibres.

It has a great dimensional stability and high resistance to abrasion, which allows its use in floorings.

Operating Temperature

Maxi can be used at temperatures from -20 °C to 50 °C.

Tests

Due to its innovative nature, we have realized various tests which corroborate the properties of this material:

- **Water absorption test:** its absorption by unit mass is very small, and has an appropriate dimensional stability compared to it. Retains its weight after drying.
- **Abrasion resistance test,** which indicated that up to 2200 cycles, did not begin to appreciate superficial change.
- **Fire resistive test** was conducted by the  **AITEX** (Textile Technology Institute) and indicated its classification as **M1** according to UNE 23.727-90 1R.

Resistance in humid environments

Maxi profiles have a resistance to water quite similar to PVC. It does not suffer damages when placed outdoors. It is suitable for humid environments, been its water absorption very low.

Fire resistance

The fire resistant coefficient is **M1** according to UNE 23.727-90 1R classification, which means it's a combustible material but not flammable, which entails that its combustion does not keep up when the hit coming from an outdoor seat stops.

This excellent fire resistance makes it suitable for any construction application.

- **Stained resistance test** was conducted by  **AIDIMA** (Furniture, packaging and similar technology Institute) indicate there is no distortion of the surface and/or blister with coffee (80 °C), bitumen, hydrogen peroxide (30%), sodium hydroxide (25%).
- Tests to determine its **resistance to the impact** have been made through different methods (spring and falling ball), allowing to characterize the behavior of the material and confirm its mechanical resistance.

PLACEMENT

As finishing or decorative listel

When the wall is tiled to the wanted height, place the profile longitudinally setting the fixing wing between the wall and the tile. So the profile will remain as a finish of the tiled wall. If we decide to install another tiled lined, the profile will be subjected between them, as a decorative listel.

As edge

1. Place the profile perfectly aligned, making sure that the fixing material passes through the holes made in the fixing wing.
2. Then, place the coating pieces, installing firstly the pieces on the fixing wings, pressing to the holed wing to secure a good gripe.
3. Finally clean carefully.

MANIPULATION ADVICE

During its manipulation it is recommended not to bend it excessively. It is advisable to take the piece on its central part, avoiding holding it by the ends, so that there are no press efforts which could produce small cracks, or even its break.

CLEANING AND MAINTENANCE ADVICE

- This material maintains the characteristics and properties of PVC, and although it is resistant to a large quantity of chemicals, it can be adversely affected by chromic acid, sulphuric acid or polar solvents such as acetone or toluene. However, the cleaning products can damage the MAXI FUSION finishing.
- For an appropriate cleaning, it is only needed to use a feather duster or a clean cloth, dry and without threads so that it does not damages the profile's metallic finishing. Pass it softly on the surface, without rubbing and not press.
- To avoid losing its aspect, we recommend not installing it outdoors not in pavements. In this last case, the friction derived from the continuous passing by, could affect negatively the metallic highlights of the MAXI FUSION finishing.

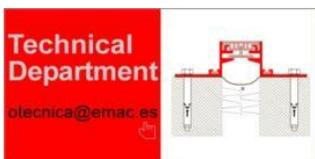
COMMITMENT TO ENVIRONMENTAL CONSERVATION

At Emac[®] we are conscious of the importance of investigating new processes and developing innovative products, which at the same time that they fulfil all the quality and functional requirements, they do not damage the environment, and help to its conservation and care.

The Maxi material is the result of the above compromise together with the research undertaken.

The incorporation of this material of natural fibers coming from the ecological agriculture minimizes the volume of waste by recycling, helping the conservation of the environment.

TECHNICAL INFORMATION



You can download more information about the technical characteristics of material that the Novolistel[®] Maxi is made

of in www.emac.es

If you have any query, please do not hesitate to contact our technical office: otecnica@emac.es