



MAXI

Maxi es an **innovative** material part of the family of WPC (Wood Plastic Composites) materials made of PVC with addition of vegetable fibers. Those fibers proceed from the recycling of organic waste from agriculture. The waste reduction and the recycling of materials, help Maxi to fulfill with the Emac®'s commitment with the Environment and the sustainable construction.

Maxi has a wide range of original finishes, similar to wood and natural elements, which adapt to different decorative environments. The main advantage of this composite is that has the best qualities of PVC and vegetable fibers such as good mechanic strength, abrasion resistance and dimensional stability among others.

Finishes



maxiwood - 72



maxigrey - 73



maxiblack - 75



maxisand - 78



maxiconcrete - 79



maxiterra - 80



maxislate - 81



maxistone - 82



maxigraphite - 86



maxihoney - 93



maxidun - 95

* Maxi range colors for indoors. Check availability of finish according to model

Properties



- Different geometries available
- Solutions for floors and walls
- Smooth finishes for indoor installations
- Warm-toned finishes in line with on-trend finishes
- Recyclable

Technical Features and tests



Working temperature -20°C / +50-75°C

Resistance to chemical agents Very good except acetone, chromic acid and sulfuric acid.



Water absorption Very small absorption, high dimensional stability. Retains its weight after dry.

Fire reaction M1 Classification UNE 23.727-90 1R



Abrasion resistance Up to 2200 cycles without variation

Surface resistance to staining Resistance to acetone, coffee 176°F/80°C, bitumen, hydrogen peroxyde 30%, sodium hydroxide 25%.
Acetone: surface degradation and blisters.
Rest: without changing. UNE EN 438-2:2005
Aptdo. 23



Impact resistance Spring: 34 N
Ball drop: 3,93ft/120 cm. maximum drop /
0,38 in./9,9 mm mark diameter



Cigarette burns Surface degradation

Resistance to humidity-drying > 20 cycles UNE EN 14428

Warnings



- Due to the nature of the raw material some variations in colour may occur. These variations should not be considered flaws or defects. They are intentional and add to the unique characteristics and beauty of this Maxi material.
- It is recommended to take the profiles by its central part, avoiding taking them by the tops to avoid bending stresses which could cause scratches or breaks.
- Do not bend excessively the material. Store it **always** horizontally and in dry places.
- It must not be sanded, because that could affect to its surface appearance.
- It resists in moisture conditions but **it is no recommended** its use in submerged places.
- The ranges MaxiKenya, MaxiDakar, MaxiSahara and MaxiSoho are especially recommended for installations outdoors because it has an excellent weatherability and remains unalterable to sun exposure
- The Maxi material, like other construction materials, can suffer from **dimensional variations** due to the environment thermal changes. Outdoors, the installation in the hottest or colder hours of the day should be avoided as it could change dimensionally the profile more than usual due to the thermal change. It is recommendable keeping the material at **environment temperature**, out of the packaging and always far from heat sources like direct sunlight.
- In outdoor installations with butt joint it is recommendable to keep a small separation by way of **expansion joint** which should be greater the longer the profiles to join are. Approximately 2 mm/m. This joint should be sealed with elastic filling.

Cleaning and maintenance

You can clean Maxi with a cloth dampened with only water or with water in a solution with a neutral detergent 5%. The correct use of bleach doesn't affect the material.

It is not recommended the use of chromic or sulphuric acids or polar solvents as toluene or acetone for its cleaning.

Technical information

You can find out more information about the technical features of Emac®'s products by downloading its Technical File in www.emac.es.

If you have any query, please contact our Technical Department in tecnico@emac.es.