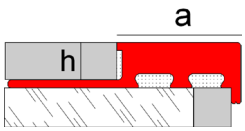
Novopeldaño® MaxiTokyo

Novopeldaño® MaxiTokyo is a stair nosing made of Maxi, an exclusive raw material of Emac® that belongs to the WPC (Wood Plastic Composites) family of products. Its texturized face side, offers a high value of slip resistance certified under tests. This value helps to fulfill with the Spanish Technical Building Code (CTE).
Novopeldaño® MaxiTokyo joins technology, sustainability, beauty and security in just one product.

General Features



Material:	Maxi (PVC + Vegetable fibers)
Lenght:	1 / 2,5 ml.
Dimensions:	h: 3/8" / 1/2" (10,12 mm.) a: 1-9/16" (40 mm.)
Packaging:	10 u./box
Finishes:	

Applications

Novopeldaño® MaxiTokyo is a profile designed to be installed in the steps of stairs. Its particular visible side provides a high resistance to slip, helping to fulfill with the DB-SUA of the CTE (Spanish Technical Building Code) by improving the value of slip resistance of the flooring where it is installed.

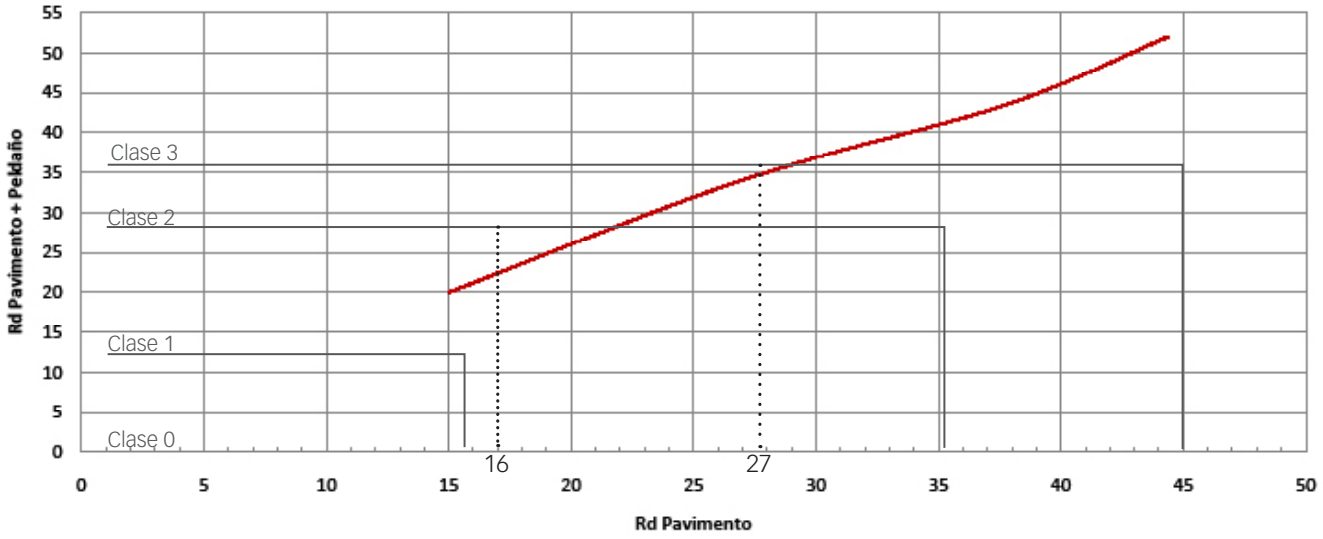
The installation of Maxi outdoors, would result in a variation of its original color, being significantly higher in the range of redish colors. To avoid color variations due to the continuous sun exposure, we recommend the installation of the Maxi range indoors. For outdoor installations we recommend the MaxiKenya range, that ahs an excellent weatherability and remains unalterable under sun exposure.

Technical Features and Tests

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

Slip resistance	Very good. See graph below.	UNE-ENV 12633:2003

Performance of slip resistance
Novopeldaño® MaxiTokyo



** In this graph you can see the comparison between the Rd of the flooring without Novopeldaño® MaxiTokyo and the Rd of the flooring with the profile installed. The different areas that conform different classes have been delimited to see clearly the improvement obtained of Rd and of flooring class.*

Comparison chart R_d and Class

R_d Flooring	Initial class of flooring	R_dFlooring + Novopeldaño® MaxiTokyo	Flooring class + Novopeldaño® MaxiTokyo
15 - 28	1	20 - 35	1
28 - 35	1	**35 - 41**	**2**
35 - 39	2	41 - 45	2
39 - 44,3	2	**45 - 52,1**	**3**

** With the help of this chart you can see the Rd and the class of the flooring which will result due to the installation of Novopeldaño® Maxi as stair nosing. You can compare the values obtained respecting to the flooring without the profile installed. Values marked in green will identify those values whose improvement has meant an increasing of the class of the flooring.*

Materials

Maxi

Maxi is a composite material formed by PVC and vegetable fibers. Those fibers proceed from 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 an original finish, similar to wood and natural elements, which adapts 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 strenght, abrasion resistance and dimensional stability among others.

Placement

1. Spread a big amount of thin-set mortar on the surface of the riser.
2. Place the tile on the riser and press to get an optimal adherence.
3. Then, spread a big amount of thin-set mortar on the tread and align the profile on its vertex so it rests on the riser (Do not let overhang, the leverage may remove the step and the tiles). Then press so the thin-set mortar could pass through the mechanized holes of the anchoring wing.
4. In installations with butt joint or connections 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 can be sealed with elastic filling suitable for outdoors.
5. Place one tile on the tread, align it to the profile and press to get a perfect adhesion. You can tap it softly with a rubber hammer.
6. Clean the possible leftover material and let dry.


1 2 3 4 5

Warnings

- Part of the composition of Maxi and MaxiKenya is natural, so it may have differences in tone that **can not be considered** as manufacturing defects.
- 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 range MaxiKenya is especially recommended for installations outdoors because it has an excellent weatherability and remains unalterable under sun exposure.

Cleaning and maintenance

You can clean Maxi with a cloth dampened just with 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 to use 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**.

Indoors Floorings

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