

COATING SYSTEM PLASTISOL

Marcegaglia PLASTISOL is formulated accordingly to two different coating systems to allow both **outdoor** and **indoor applications**: **MPS100** and **MPS200**. The polyvinyl chloride PVC painting assures the highest qualities in terms of **workability** of the material, **chemical resistances** and higher mechanical properties of **flexibility**.

MPS100

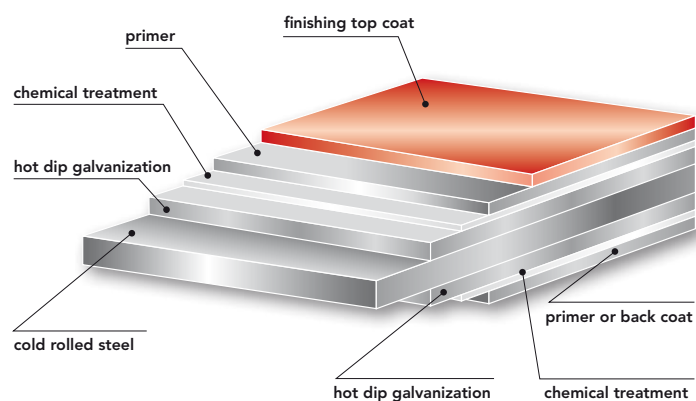
Suitable for façades and insulated panels for indoor applications

MPS200

Suitable for walls, roofs and insulated panels for outdoor applications (particularly aggressive environment in terms of pollution and industrial areas)

CYCLE DESCRIPTION

According to **EN 10169**



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MARCEGAGLIA CARBON STEEL

Pre-painted steel products COATING SYSTEM PLASTISOL

From Marcegaglia top-quality steels, along with the excellence in the coil-coating manufacturing process, comes **PLASTISOL**: the only **PVC coating system** suitable for **indoor** and **outdoor** applications that ensures **up to 30 years of warranty** on products.



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TECHNICAL DATA

MPS100

- **Coating:** up to 127 μ on carbon steel cold rolled and galvanized coils and sheets
- **Salt spray resistance (EN 13523-8):** no blisters on the cross more than 2 mm per edge (total 4 mm) and, on the surface, more than the degree 8 from the ASTM D714 scale after 500 hours exposure
- **Humidity resistance (EN 13523-25):** no blisters on the cross more than the degree 8 from the ASTM D714 scale after 1000 hours exposure
- **T-bend test (EN 13523-7):** adhesion of the paint to the steel which must not exceed 1 t, and it is performed by tearing with adhesive ribbon the bending itself and the elasticity of the paint that must not crack over 1.5 t
- **Gloss (EN 13523-2):** incidence radius of 60° and must be within 25 \pm 5 gloss

MPS200

- **Coating:** up to 207 μ on carbon steel cold rolled and galvanized coils and sheets (zinc 275 gr/sqm)
- **Salt spray resistance (EN 13523-8):** no blisters on the cross more than 2 mm per edge (total 4 mm) and, on the surface, more than the degree 8 from the ASTM D714 scale after 750 hours exposure
- **Humidity resistance (EN 13523-25):** no blisters on the cross more than the degree 8 from the ASTM D714 scale after 3000 hours exposure
- **T-bend test (EN 13523-7):** adhesion of the paint to the steel which must not exceed 1 t, and it is performed by tearing with adhesive ribbon the bending itself and the elasticity of the paint that must not crack over 1.5 t
- **Gloss (EN 13523-2):** incidence radius of 60° and must be within 25 \pm 5 gloss
- **Chemical resistance / UV resistance:** RUV4 (EN 10169)

PRODUCT RANGE

THICKNESS and WIDTH

mm Thickness	1000 mm Width	1250 mm Width	1500 mm Width
0,40÷0,49			
0,50÷0,59			
0,60÷0,79			
0,80÷0,99			
1,00÷1,19			
1,20÷1,49			
1,50÷1,79			
1,80÷2,00			

FEATURES

- maximum **flexibility, formability** and **durability**
- **guaranteed chemical properties**
- maximum **UV** and **corrosion** resistance
- **top scratch** and **abrasion** resistance

Standard colours



goosewing grey

M23B11



merlin grey

M23B10



moorland green

M63B3



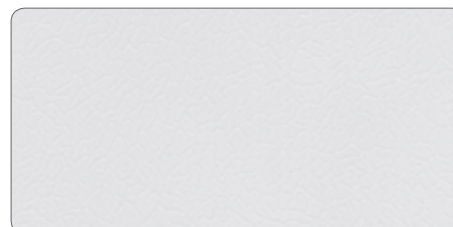
olive green

M63B13



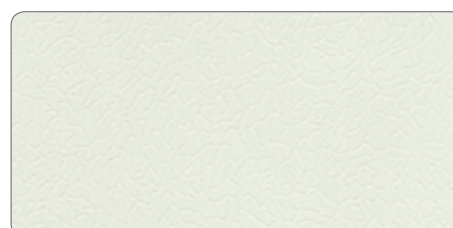
juniper green

M63B14



pure white

M13B5



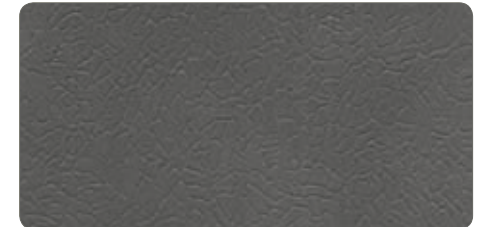
grey white

M13B1



anthracite grey

M23B6



dusty grey

M23B2



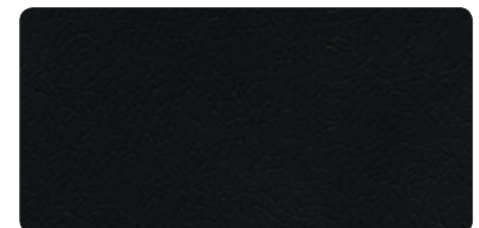
slate blue

M73B4



terracotta brown

M53B1



jet black

M83B1



van dyke brown

M53B2

In addition to the standard colours it is possible to obtain all colour shades.