

PLASTOGUM

SCHEDA TECNICA

Revisione : 28/03/2024

Prodotto: **Plastogum**

Categoria: Guaine e Coprifumo

Azienda: Loggia

General Characteristics

Product based on particular styrene-acrylic emulsions and plasticizers able to give the applied film characteristics of high waterproofing and good elasticity. Added with fine quartz flours and pigments resistant to light and trampling.

Application

Walkable product recommended for the treatment of tennis courts, soccer fields, cycle paths and for all those structures that must be protected from water infiltrations..

Media Preparation



New External Surfaces: Make sure the substrate is perfectly dry. Clean the surfaces, apply a coat of Fissacril acrylic fixative followed by two coats of PLASTOGUM according to the technical indications below(**).



Painted External Surfaces: Make sure the substrate is perfectly dry. Remove flaky residues of old paint and clean the surfaces. Then apply two coats of PLASTOGUM following the technical indications below (**).



Waterproofing cycle for terraces: apply FISSACRIL acrylic insulating primer diluted with 50% water over the entire surface with a roller and let it dry for around 4-5 hours; then pass the PLASTOGUM with a roller as it is and immediately afterwards spread the glass wool (type 225 gr/mq) and crush it with a bubble-breaking roller; when applying, proceed for sections of 1.20 x 1 m; pass over the second coat on the product still fresh by completely dipping the glass wool in it with the joints by at least 5 cm; after completing the entire surface let it dry 24 hours; finally apply 2 more coats of PLASTOGUM as it is with a wool roller 6-8 hours apart from each other.

Non-slip cycle: on rough concrete, roll over the entire surface with FISSACRIL acrylic insulating primer, diluted with 50% water and leave to dry for approximately 4-5 hours; then pass the Microprimer Attack undercoat using a roller with a 10% dilution. After complete drying (6-8 h.), apply Plastogum with a 5-10% dilution.

The DIN 51097 Certification provides a classification to determine the degree of slip resistance with bare feet. Plastogum with this application cycle has a B coefficient, from 18° to 24° of inclination which determine surfaces with strong adherence.

The German Certification DIN 51130 establishes the standards and characteristics of non-slip floors where transit with footwear is expected. The parameter R or slipping risk (R) is used. This classification of non-slip surfaces includes the following acronyms: R9 surfaces with normal grip, R10 surfaces with medium grip, R11 surfaces with strong grip, R12 surfaces with very strong grip. Our Plastogum is R11.

Cycle for cycling paths.

The product is suitable for the treatment of smooth or draining concrete cycle paths. The rough surface of the draining cements allows the film obtained by applying Plastogum to be given an excellent degree of anti-slip, as well as having exceptional adhesion and mechanical resistance to light wheeled traffic, as well as to bad weather. The film applied by airless or by roller with a suitable dilution does not allow the pores to close and the surface will maintain the draining characteristic necessary in this type of circumstance. To optimize the anti-slip effect, Plastogum can be added with 20% No Skid Glass, thus obtaining an ultra anti-skid surface effect.

Application Methods



Brush and roller: Dilute the first coat 30-35% with water and the second coat 15-20%. Wait 5-6 hours between one application and the next.

5-10% dilution for anti-slip cycle

Airless: In airless applications the dilution varies depending on the equipment and pressure used.

Application temperature:	+5 ÷ +35	°C
Relative humidity of application:	< 85%	
Recommended thickness:	40 ÷ 80	µm per coat
Dust dry:	0,5	h
Repaintable after:	5 ÷ 6	h
Deep dry:	24	h
Tool cleaning:	water	

Painting:



The product is marketed in the basic color palette.

It is advisable to mix different manufacturing batches of the same color together to avoid possible differences in tone during application

Specific weight:	1,25 ÷ 1,35	Kg/l
Viscosity:	15000 ÷ 18000	cPs
pH:	7-8	
Solid in weight:	70%	
Theoretical yield:	2	mq/l
Recommended coats of paint:	4 – 5	
Color:	Card colours	
Appearance:	Semi lucid	
Packs	1 – 5 – 10 – 20	
barefoot grip rate (DIN 51097)	B =18°-24°	
degree of grip with footwear (DIN 51130)	R11= 19°-27°	

Storage:



The unopened product, stored intact in a dry and cool place, has a storage life of not less than 24 months.

After use carefully close the package and store it upside down.



Minimum storage temperature: + 5 ° C

Maximum storage temperature: + 30 ° C

Safety Precautions:

For all information relating to the handling of the product as well as its correct disposal, please refer to the Safety Data Sheet.

Warnings

The information contained in this sheet is provided to the best of our technical knowledge. However, these indications and suggestions cannot have the value of a guarantee for the applicator, since the conditions of use of the product are beyond our direct control. It is therefore advisable to ascertain the suitability of the product for the specific case with preliminary tests.

BVQI certified company for the UNI EN ISO 9001-2000 quality system.