

VELVET LIQUID PU

Polyurethane protective coating - satin

DESCRIPTION

Transparent, satin, solvent-free, one-component aliphatic polyurethane coating. During the application, it is polymerized as a result of the humidity of the environment and creates a unified flexible hydrophobic film, making the surface extremely resistant to abrasion and other stresses. Resistant to UV radiation.

FIELDS OF APPLICATION

Used for a transparent protective coat for MARMOLINE DECO VELVET decorative cement-based finishing screed.

Due to its properties, it is widely used on floors, walls and other surfaces of houses, offices, retail stores, show rooms, restaurants & night clubs, hospitals, storage

facilities, production areas, hospitals, showrooms etc.

CHARACTERISTICS/ADVANTAGES

- Easy to apply
- One component
- Decorates and improves the surface on which it is applied
- Transparent
- UV stable – Non yellowing
- Provides a surface that can be walked on, with high resistance to abrasion and impact
- Maintains its mechanical properties over a temperature range between - 20°C to + 90°C
- Allows the surface to “breath”

PRODUCT INFORMATION

Form	Transparent liquid
Packaging	1 kg metal containers
Storage conditions	In the original, closed, sealed and indestructible package, protected from direct sunlight and frost and at temperatures from +5°C to +35°C.
Lifetime	12 months from production date

APPLICATION INFORMATION

Environmental temperature	from + 5 °C to + 35 °C
Consumption	100 – 200 gr/m ² per layer (1 – 2 layers are needed)

APPLICATION INSTRUCTIONS

- For an optimum result and high resistance, you need to carefully prepare the application surface.
 - The surface should be clean, free of dirt or loose particles, which may have a negative impact on the adhesion of the varnish
 - Do not wash the surface with water before the application. If necessary dry clean it with a broom or a vacuum, to remove any dirt.
 - The surface should be also thoroughly dry. Check with a suitable moisture meter, that surface's moisture is less than 5%, or else problems may occur in application.
- Particular attention should be given to possible presence of moisture in the substrate, if VELVET DECO is applied outdoors
- Any cracks should previously be repaired using the appropriate materials and be smoothed.
 - Before applying VELVET LIQUID P.U. varnish, you can apply the water based transparent silicone sealant MARMOLINE MS 33
 - Apply the product undiluted, using a roller, at thin layers. Do not leave any standing water.

- Because of the polymerization of the material, you need to change a roller every 30 minutes, especially if the temperature during the application exceeds 25°C.
- Application temperature +5°C to +35°C. Low temperatures slow down product's hardening while high temperatures speed up curing. Pay attention to ambient temperature during summer months. Avoid the very warm days and prefer morning hours for application. High humidity may affect the final finish.
- Use only in well ventilated areas. Use protective equipment to avoid inhaling the product vapors
- The surface covered with VELVET LIQUID P.U. is slippery when wet.

HEALTH, SAFETY & ENVIROMENTAL PROTECTION

Toxic by inhalation and harmful in contact with skin .

Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety, are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website www.marmoline.gr or upon request.

LEGAL NOTICES

We guarantee the quality of the product, in terms of its technical specifications, as presented in the technical data sheet. This guarantee is strictly only for the available product and in no case the final result from its application, which depends to a large extent on the experience and quality of work of each user, as well as the conditions of application. It is recommended that the user apply the product on a small scale and after making sure of the result, then use it in his project. Publication of this technical data sheet supersedes any previous version.

MARMOLINE reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.