



SPORT COURT PAINT



012019 v01

Packing: Barrel 250Kg | Can 45Kg

Description

High quality and special composition, colored, water-based elastic acrylic coating. Based on self-crosslinking resins and selected fillers for outstanding performance and high strength.

Purpose of Use

The product is an excellent choice for painting new but also for maintenance of already painted sport courts. Suitable for use in basketball, tennis, and volleyball courts, recreation and sports grounds in schools. Suitable for outdoor and indoor use. Ideal for substrates of concrete and asphalt.

Product characteristics

- New technology self-crosslinking acrylic resins.
- High adhesion.
- High resistance to humidity.
- High resistance to stress.
- High flexibility.
- Ideal elasticity
- Anti slippery
- High resistance to weather conditions.
- Water-based with low volatile organic compounds.

Shades

Available in 3 ready shades, green, blue and brick red color, but also in many others at the request of special order.

Performance

1.5 kg /m² for 1 mm film thickness (Performance may vary depending on absorbency and roughness of the surface).

Recommended painting systems

New concrete surfaces	Product	Coatings
Primer	Use the primer for sport courts	1 coat with consumption 250 gr/m ²
Intermediate Coating	Use the resurface mid coat	2 coats crosswise, according to the instructions of use, with consumption approx. 1,5 kg/m ² (total).
Final coating	Sports Court Paint	2 coats crosswise with average consumption 1,5-2,0 kg/m ² (total).
New asphalt surfaces	Product	Coatings
Intermediate coating	Use the resurface mid coat	2 coats crosswise according to the instructions with average consumption 1,5-2,0 kg/m ² (total)
Final coating	Sports court Paint	2 coats crosswise with average consumption 1,5-2,0 kg/m ² (total)
Old or already painted surfaces	Product	Coatings
Preparation	Prepare first according to the instructions below.	
Primer	Use the primer for sports courts	1 coat with consumption 250 gr/m ²
Final coating	Sports court Paint	2 coats crosswise with average consumption 1,5-2,0 kg/m ² (total).

Instructions and application conditions - surface preparation - maintenance

Apply 2 coats crosswise with a rubber trowel and with a time interval of 24-hours. The application is carried out at an ambient temperature of 12 ° C to 30 ° C and a maximum relative humidity of 75%. Do not apply when there is a chance of rain for the next 48 hours.

Stir well the content of the container before use. Then apply the material to the surface using a rubber trowel. Apply the second coat crosswise. If necessary the product can be thinned with a small quantity of water (3-5%) in order to be easier handled.

Surface preparation

The surfaces to be painted should be dry, free of grease, salts, dust, and foreign materials. The humidity of the substrate before starting work should be less than 4%. The substrate should be sufficiently durable for the sports activities to be performed on it. In the case of repainting already painted courts, the surface should be rubbed with a machine (e.g. mosaic machine No. 12 hard), be thoroughly cleaned from the dust and then follow the procedure as described above for already painted surfaces.

Technical Data

Density	1,50 ± 0,02 gr / cm ³ (ISO 2811)
Viscosity	paste thixotropic liquid.
pH	8.0 ± 0.3
Total solids by weight	80% ± 1
Total solids by volume	55% ± 1
Impact Resistance	10 Nm (ISO 6272)
Flexibility test	No Cracks in all length up to 10mm (ISO 6860 Conical Mandrel Test)

Coverage	0.70 m ² /Kg and 1 mm film thickness.
Drying time	Touch dry from 2 to 4 hours depending on weather conditions. In depth after at least 24 hours (These times may be extended depending on temperature and humidity). The material develops full strength after at least 7 days.
Recoat	After 24 hours
Solvent	Water
Thinning	The product does not need thinning

ACCORDING TO 2004/42/EC

Phase II, Subcategory i, One-component performance coatings, Limit VOC value = 140gr / lt, Maximum VOC value = 30 gr / lt (product ready for use).

Storage

Keep containers air- tight closed and protected from frost. For long-term storage, it is best to keep the product indoors to avoid exposure to very low or high temperatures and high humidity conditions. Avoid storing thinned product.

Cautions - Environmental effects prevention

Empty containers and paint remnants must be disposed of in accordance with applicable laws and local regulations

Wear protective gloves and goggles. Do not eat, neither drink something at the time of handling. Wash your hands with the appropriate cleaning products.

For more information, please refer to the Safety Data Sheet for this product.

All the above information is based on laboratory tests and long-term experience of the company's scientific personnel. Product quality is guaranteed by our operational system, which is based on the requirements of ISO 9001, ISO 14001 and OHSAS 18001 Standards and EMAS Regulation. As producers we don't take any responsibility for any damage that may caused in cases that the product hasn't been used for the appropriate application and according to the application instructions.

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