

Domissima BUILT BY EXPERTS Domosport Flex



Elastic acrylic coating for sports flooring

DOMOSPORT FLEX is one-component elastic acrylic water-based coating. It creates an elastic and anti-slip coating on pitches (basketball, tennis, volleyball, etc.) from concrete or asphalt, which colors and protect from damage.

Field of application

DOMOSPORT FLEX is suitable for application on:

- Exterior pitches (basketball, tennis, volleyball, etc.)
- Concrete, cement mortar or asphalt substrates
- Roofs and courtyards of houses

Additional information:

- All tools and application equipment must be cleaned thoroughly and immediately after their use with plenty of water.

Advantages

- Excellent bonding strength.
- High abrasion resistance.
- Elastic
- Easy application
- Eco-friendly

Consumption

150 g/m² per layer on smooth substrates.

Storage

Can be stored for at least 12 months from production date in the original pails, in a cool environment protected from frost and direct sunlight

Method of use

Substrate condition:

Clean the substrate from any loose pieces, as well as peeled off paints and oils. The substrate must be free of moisture and standing water.

Prime with acrylic water-based DOMOREFLECT PRIMER or with DOMOSPORT FLEX diluted 10% w/w with water depending on the nature of the substrate. In case of particularly loose substrates, prime the surface with DOMORESIN SP diluted with water at a ratio of 1 to 3.

Application:

2-3 layers: DOMOSPORT FLEX undiluted.

Apply with a roll, brush or airless.

Each layer is applied crosswise, after the previous has been fully dried (after 4-8 hours depending on the ambient temperature).

Anti-slip flooring: For anti-slip surface is recommended adding quartz sand in the product prior to the application.

Packaging

Pails of 5 kg & 15 kg.

Colors

White, green (RAL 6000) and tile red (RAL 3009). Other colors available on request.

Volatile Organic Compounds

EU REGULATION 2004/42: According to Directive 2004/42/EU (Annex II, Table A), the maximum allowed content of VOC (Product Category i / Type WB) is 140 g/L (limits of 2010) for the final product. The final DOMOSPORT FLEX contains max <140 g/L.

Specifications

Form	Liquid
Shading/Colors	White, Green (RAL 6000), Tile Red (RAL 3009)
Specific weight	1.31 ± 0.04 kg/L (23°C)
Viscosity	10000-15000 cP (23°C)
Application temperature	+5°C to +35°C
Dried on touch	1 hour
Recoating	4-8 hours
Walkability	24 hours
Maximum tensile stress (EN ISO 527-3)	>4.0 MPa
Elongation at break (EN ISO 527-3)	>120%
Elastic modulus (EN ISO 527-3)	>30 MPa
Adhesive strength (EN 1542)	2.7 N/mm ²

All the technical data stated in the present Technical Data Sheet are based on laboratory tests and the knowledge and experience of the company. Different conditions may apply at field applications that are beyond the control of the company. Therefore, the end user is ultimately responsible to make sure that the product is suitable for the application in question and to know the real conditions of the project.