

SYNTHETIC PAINTING FOR FLOORS OF SPORTS GROUNDING

Protective paints

APPLICATION DATA SHEET

Creation of synthetic, non-slip and anti-reflective flooring, for indoor and outdoor sports facilities, to be carried out on a bituminous conglomerate surface with closed grain size using the following application phases:

1. preparation of the substrate;
2. priming;
3. skimming;
4. Synthetic painting;

1) PREPARATION OF THE SUBSTRATE

In order to avoid lesions and cracks the bitumen support, must be well compacted and lefted oxidize for at least 2 months in the sun.

2) PRIMING

Application on the surface of a consolidating primer based on Kimicover FIX two-component epoxy resin in water dispersion. The product must be applied with a brush, roller or spray in one or more coats, with a little material per time, so the impregnation penetrates the support without remaining on the surface.

The consumption will be approximately 0.250 kg/m².

3) PAINTING

On the still fresh primer, apply with a metal spatula in two coats of Betonfix RS single-component high-adhesion cementitious smoothing mortar.

The product, composed of hydraulic binders, selected aggregates and chemical additives, must have excellent characteristics of impermeability to water, carbon dioxide, resistance to atmospheric agents, to freeze-thaw cycles and

excellent mechanical resistance. The final coat must be finished with a sponge float, until a uniform appearance is obtained. The mortar must be mixed with water and Kimitech ELASTOFIX perfectly non-toxic single-component synthetic resin (about 5% of the weight of the mortar) in order to give it greater flexibility, adhesion to the

substrate and increase resistance to frost and chemical aggression.

The first smoothing coat will be reinforced with Kimitech 350 type fibreglass mesh.

Once dry, if necessary, the support will be sanded using a single-brush machine.

4) SYNTHETIC PAINTING

Application in double coat with roller, of single-component acrylic resin Kimicover BLINDO, the product must be diluted with 10-15% of drinking water, the total consumption will be approximately 0.500 - 0.600 Kg/m².

Depending on the desired grip, they must be loaded with 20-30% of spherical quartz sand with a grain size of 0.1-0.3 mm type Kimifill 01-03.

Final painting with application in a single coat, given with a roller or airless pump, of Kimicover BLINDO single-component acrylic resin, the product must be diluted with 10-15% of drinking water, the total consumption will be approximately 0.250/0.300 Kg/m².

At the end of the works, the lines of delimitation of the playing field and the planned areas will be created, by painting with Kimicover BLINDO single-component acrylic resin of a suitable color.