

## System Data Sheet

### Barrikade Play

# Barrikade®

Rubber granulate coating for outdoor areas

#### System description

**Barrikade Play** is a seamless Polyurethane Based rubber granulate coating system for Outdoor areas. The system consists of rubber crumbs mixed with a transparent, one-component flexible polyurethane, that provides an attractive, safe, hard wearing and maintenance friendly surface.

**Barrikade Play** is delivered in a range Of colours. The size of the rubber granulate is 1-4 mm.

#### User areas:

**Barrikade Play** is intended for outdoor areas where a soft surface with shock absorption is required. Specially suitable for playgrounds, schools and kindergarten,

#### Properties:

**Barrikade Play** has good adhesion to most surfaces. The substrate must be firm. The system can be used on new and existing concrete and asphalt, as well as on steel and wood.

The coating is safe against frost.

**Barrikade Play** is very hardwearing and require a minimum of maintenance. The coating is kept clean by rainwater. For thorough cleaning high pressure washing is recommended. To remove stains use a degreaser followed by high pressure washing.

#### Build up:

Existing asphalt to be cleaned. New asphalt and very porous asphalt should be treated with a waterbased acrylic primer mixed with sand and cement, to stop the binder from running away into the voids.

Concrete surface should be primed. Steel must be sandblasted and treated with Barrikade EP-Steel primer that is broadcasted with natural quartz 0,4-0,8mm.

The binder and rubber crumbs is mixed in a big mixer for 3 minutes, distributed and made smooth with a trowel. Do not spray surface or equipment with water.

As bottom layer black granulate is used in a ratio 8:1 with the binder.

The bottom layer is installed in a maximum thickness of 20 cm for each layer.

In the top surface the mixing ratio between rubber and binder is 5:1.  
Installation temperature 10 – 30°C.

All surfaces where the coating is installed must be dry.

#### Technical data:

##### Granulate

Dry weight 1,6 g/cm<sup>3</sup>  
Hardness 60 (shore A)  
Tensile strength ≥ 6 Mpa  
Elongation at break ≥ 700 %

##### Binder

Cry weight 1,03 g/cm<sup>3</sup>  
Curing time 20 °C, 90 % air moisture 4 hours  
Curing time 20 °C, 50 % air moisture 9 hours

The curing time can be reduced by using a catalyst

##### Consumption

Bottom/top layer 12 kg/cm thickness

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