

System Data Sheet

Barrikade Steinbelegg

Barrikade®

Natural Stone Coating for outdoor areas

System description

Barrikade Stone Coating is a seamless natural stone coating for outdoor areas. The system consists of washed and dried natural stones mixed with an unpigmented flexible resin binder, that provides a very attractive, safe, hard wearing and maintenance friendly surface.

Barrikade Stone Coating is delivered with four different standard mixes of natural stone, light grey, grey/black, terracotta and buff. Minimum thickness is 15 mm. For areas with car traffic, 18 mm is recommended.

User areas

Barrikade Stone Coating is used in driveways, walkways, entrances, courtyards and other outdoor areas. It is very well suited to create pleasant outdoor environments around private houses, office blocks, public areas etc.

Properties

Barrikade Stone Coating has excellent adhesion to most substrates. The substrate has to be firm, dry and clean and there must be sufficient drainage. The system can be installed on new and old asphalt and concrete, as well as on wood and steel.

The coating can withstand frost and thaw as long as the ground is stable.

Barrikade Stone Coating is developed to create an environment of natural stones and at the same time get a smooth and even surface. It is easy to make patterns with different stones.

Barrikade Stone Coating is hard wearing and requires a minimum of maintenance. It is kept clean by rain. For thorough cleaning high pressure washing is recommended.

Lifetime will most of all depend on the traffic and mechanical loads. In areas with light traffic the lifetime will be long before a renovation is required. The renovation will consist of installing another layer of binder and stones.

Build up

Existing asphalt must be cleaned. The coating can be installed on uneven and cracked asphalt surfaces.

Concrete surfaces should be primed.

The binder is two component and mixed with a drill min, 3 minutes. Binder and stones is mixed together in a big mixer, approx 100 kg at a time. It is very important to use the same mixing procedure and mixing time for each mix.

The mix of binder and stone is distributed with a distance rake or a screed box and then made smooth with a steel trowel or a helicopter.

Recommended installation temperature: 5 – 30°C. It may rain 2 - 3 hours after installation, without consequences.

Curing time: 5-6 hours at 18°C.



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