

System Data Sheet

Barrikade Steindekke Traffic**Barrikade®**

Natural stone coating for trafficked areas

System description

Barrikade Steindekke Traffic is a seamless MMA based natural stone coating for outdoor areas. The system consists of quartz sand or bauxite embedded in a pigmented MMA binder that gives an attractive, safe, wearable and maintenance friendly surface.

Barrikade Steindekke Traffic is supplied in a range of various colours and stone qualities, with a matching binder colour. For walkways rounded stones are recommended, for traffic areas natural stones with good abrasion resistance is recommended. The system can be delivered in a wide range of different stone sizes depending on the required structure.

Recommended areas

Barrikade Steindekke Traffic is intended to be used in areas such as driveways, parking lots, walkways, bicycle lanes and parts of roads that should be marked with a special colour.

Properties

Barrikade Steindekke Traffic has good adhesion to most substrates. The substrate must be solid and there must be sufficient drainage. The system can be used on new and old asphalt as well as concrete. The coating is not affected by frost in itself, but will follow deformations in the substrate if it is not stable.

Barrikade Steindekke Traffic is developed to create a hard wearing coating system with a distinct colour for trafficked areas.

Barrikade Steindekke Traffic is hard wearing and requires a minimum of maintenance. The coating is kept clean by rain water. For a thorough cleaning high pressure cleaning is recommended. For removal of heavy stains, a treatment with a emulsifying degreaser followed by high pressure cleaning is recommended.

Walkways will have a lifetime of 10-20 years, traffic areas 10-15 year, before a renovation is required. Renovation will be application of a new layer of binder and stones.

System application

Existing asphalt must be cleaned. New asphalt and very porous asphalt must be treated with A 1:1 mix of Steindekke Traffic binder and quartz sand. This will prevent the binder to migrate into the asphalt. Priming is required for concrete surfaces.

The binder is delivered in 3 components, a liquid, a powder and a special filler that must be mixed well with a mechanical mixer. The binder is distributed on the surface with a distance rake to obtained required thickness.

The coating is then broadcast until full saturation with natural stone. Surplus stone is brushed away just after the coating has cured, and repeated frequently the first few weeks.

Alternatively a pigmented topcoat can be installed where a smoother surface is required.

Recommended installation temperature 5 – 30 °C.

The surfaces must be dry before installing the coating.

Rainfall 1 hour after installation will not affect the final result.

**Technical data**

Stone size	Binder * kg/m ²	Natural stones kg/m ²
1 – 3 mm	2,5	7 – 8

- Plus 1 kg/m² if a topcoat is required

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