

Special aggregate

Triflex Stone Design Galaxy



Product information

Applications

Triflex Stone Design Galaxy is used to refine the Triflex Stone Design finish variant.

Properties

Polymethyl methacrylate-based luminescent aggregates with mineral filler. The aggregates show their natural luminescent effect when charged by the UV light components from natural and artificial light sources. The luminescent effect creates a starlit sky affect at night and/or increases safety, e.g. on steps, as they remain luminescent for up to 10 hours.

Pack sizes

Plastic can

0.80 kg Triflex Stone Design Galaxy

Colours

Luminescent blue-green

Grading curve: 1 to 5 mm

Storage

Cool, dry and above freezing approx. 12 months.

Conditions for use

See Triflex Stone Design R 1K.

Preparation of the substrate

The substrate must be sound, dry and free of loose or adhesion-reducing particles. Possible unevenness of the surface must be smoothed out. Ensure that the surface has a minimum gradient of 2% and avoid standing water. Ensure that structural measures are taken to prevent moisture penetration from underneath. Substrate adhesion must be tested on a case-by-case basis.

During application, the surface temperature must be at least 3 °C above dew point. Below that, a separating film of moisture can form on the surface to be worked on (DIN 4108-5, table 1). See dew point temperature table.



Mixing instructions

Add Triflex Stone Design R 1K to the dry Triflex Stone Design S special aggregate in the correct ratio, and mix with a power mixer. Slowly add Triflex Stone Design Galaxy and continue stirring until all stones are evenly wetted with the resin. Stirring time at least 3 mins. Always stir for the same length of time, as otherwise the final result may differ.

Suitable double mixing machine: e.g. Collomix Xo 55 R or a positive mixer.

Mixing ratio

Mix 1.30 kg Triflex Stone Design R 1K (1 bag resin) and 25 kg Triflex Stone Design S (1 bag special aggregate) and 0.80 kg Triflex Stone Design Galaxy (approx. 3 % by weight).

Material consumption

Approx. 0.40 kg/m² for mixtures with Triflex Stone Design S type A + C.

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Pot life

Approx. 4 hrs. at +20 °C

Measures in case of fire or accidents

See safety data sheet, sections 4, 5 and 6

Drying time

Rainproof after	approx. 8 hrs. at +20 °C
Can be walked on after	approx. 18 hrs. at +20 °C
Resistant after	approx. 36 hrs. at +20 °C

General information

We guarantee the consistently high quality of our products. Non-Triflex products must not be used with Triflex systems.

The advice we give in relation to the application of our products is based on extensive development and many years of experience, and is correct to the best of our knowledge. Given the wide variety of on-site requirements and conditions, the user is required to test the product's suitability for the particular purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.

Information on particular hazards

See safety data sheet, section 2

Safety advice

See safety data sheet, sections 7 and 8