

CONIFLOOR SIC

Silicon carbide (conductive) for the production of non-slip, conductive coatings

Material description

CONIFLOOR SIC is a **conductive** chemical compound of silicon and carbon and is used as a bedding material or filler in mostly conductive CONICA systems and is used for the production of non-slip coatings.

Applications

CONIFLOOR SIC is used for broadcasting in conductive coatings, this is done in pure form or as a mixture with other grains such as quartz sand or color quartz sand. Furthermore, finer grain sizes can be used as a filler for the production of conductive and non-conductive hard grain layers. The addition is carried out according to the information in the existing technical product and system data sheets or test reports.

Colour

Black, anthracite

Processing

CONIFLOOR SIC F40 or F24 is **only carefully added after complete homogeneous mixing of the A+B component** and stirred in until the mixture is homogeneous and lumps free. Thixotropic thin coatings such as CONIFLOOR EP 431, EP 431 AS or EP 433 ESD are primarily intended for this purpose. On the one hand, a non-slip surface but also abrasion-resistant surface should be achieved. Depending on the desired slip resistance and the specifications of the test reports, the correct dosage must be carried out on the construction site.

Specifications

Material	Silicon carbide		
Density	at 20 °C	g/cm ³	ca. 3,2
Hardness		Mohs	ca. 9,6
Grits	F24	µm	600 – 850
	F40	µm	355 - 500
<i>This information is indicative. The values are not used to create specifications!</i>			

CONIFLOOR SIC F24 is used in conductive but also non-conductive coatings for the production of non-slip surfaces. Admixtures in natural and color quartz sands are also possible.

If the application lasts longer, the sealing must be stirred up again, e.g. by means of a cordless mixer, in order to ensure a homogeneous distribution of the solid glass balls.

Packaging

25,0 kg bags

Storage

With dry storage at least 24 months

Safety / Personal Protective Equipment

When using bedding grains in coating materials, the following protective measures are required: Avoid

inhalation of dust. Wear protective gloves and goggles. Do not eat during use, do not smoke and do not handle with an open flame! The information on special hazards and the safety advice can be found in the safety data sheet, as well as the information on transport and disposal.

For commercial users only. Further information on safety during transport, storage and handling as well as on disposal and ecology can be found in the current safety data sheet.

Labelling VOC content:

None required.

CE marking:

None required.

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