



COELAN® Coloured Flakes

Technical Data Sheet

(Issue: 2015-01-20)

Application areas:

Decorative coloured flakes in combination with various coating systems for the production of terrazzo-like coating for interior and exterior floors that require sealing or a final coating with transparent liquid plastic.

Colour / Degree of gloss:

- 16 different types of Colour Flakes available (see COELAN® Colour Fan or COELAN® Colour Flakes Overview)

Product features:

- ready to use
- light stable
- available in 3 Sizes (fine = approx. 1 mm average flake size, medium = approx. 3 mm average flake size, coarse = approx. 6 mm average flake size)
- low consumption

Package size:

5 kg pail

Material consumption:

- approx. 700 g/m² (coloured flakes fully scattered in) actual amount of flakes remain adhered to surface:
 - fine: approx. 350-400 g/m²
 - medium: approx. 400-550 g/m²
 - coarse: approx. 300-350 g/m²
- approx. 100 g/m² (coloured flakes partly scattered in)

Shelf Life:

Store in closed original containers in dry rooms.

Mixing ration:

- ready to use

Specific gravity:

approx. 2,3 g/cm³

Disposal

Disposal when liquid:

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Disposal when cured:

EAK 08 04 10

Substrate:

- Depending on the application, COELAN® Coloured Flakes must be added to either a wet coating or a wet adhesive layer.
- For further information on substrate pre-treatment and application, please refer to the separate technical data sheets and the application instructions.

Application temperature:

Material, atmospheric and surface temperature: at least +5°C to max. +30°C.

Relative humidity: < 80 %

The substrate temperature must be at least 3 K above dew-point temperature.

Application Instructions:

- In order to obtain a uniform colour flake mixture, rotate the container several times (this will prevent variations in colour).
- A spray gun (e.g. a Chiron device) is ideal for strewing the coloured flakes onto the surface. By using a circular motion, the coloured flakes can be evenly distributed onto the wet adhesive coating.
- In order to distribute coloured flakes onto small areas, the flakes can be scattered manually or by using perforated container.
- After a drying period of approx. 12 hours, excessive and loose coloured flakes can simply be brushed away or vacuumed off.
- Use sandpaper (80 grit) to roughly rework the surface and to deburr any remaining protruding coloured flakes. Brush off or vacuum surface again.
- Subsequently, apply final sealant or coating (please refer the Technical Data Sheets of the particular coating or sealant).

During and after the application, please ensure even and continuous ventilation in order to guarantee a uniform drying process.

For additional information, please refer to the system product's respective Technical Data Sheets and work instructions.

Important notice

From a physiological point, the properly prepared coating of this liquid seal is totally harmless in its hardened condition.

Hazard notes, protective measures, hazardous material classes and disposal can be found in the safety data sheet of this product.

Based on our experience and to the best of our knowledge, this technical data is up to date and all information is current. As there might be operating conditions of which we have no knowledge and cannot



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have any knowledge, this data sheet shall be considered for information only and without responsibility. For the benefit of technical advances and the outcome of such advances, we reserve the right to make changes to the data without any prior notification. With the issuance of this publication, all prior technical information shall be considered null and void. When you contact us, you have the option to take advantage of our technical service consultants to find out about the various applications. Please be advised that all agreements and/or confirmations must be made in writing. Please ensure to request a written confirmation after receiving a verbal statement. For the rest, our terms and payment conditions apply.