

TECHNICAL DATA SHEET

CicoFloor®Deco Clear

Multipurpose Decorative Self Leveling Flooring System

DESCRIPTION

Cicofloor®Deco Clear is a clear, two component, solvent free epoxy, high flowable self-leveling system specially formulated to be used in decorative artworks. It is abrasion and chemical resistant. Some special fillers or colored grains can be added to Cicofloor®Deco Clear acting as a third component to form variable decorative flowable slurries. Cicofloor®Deco Clear can be used in the range from 0.5 to 3 mm in one go.

USES

- In conjunction with Cicofloor®TRZ.
- Sparkling floors of airports, hotels, conference and meeting halls, clubs, showrooms, hospitals, restaurants, museums, luxurious entrances, cinemas, theatres, and other recreation centers.
- Over other colored epoxies to give deep and reflective feelings (see attached images).
- For individual artworks over floors such as logos, instructions, and advertisements.
- Areas where chemical attack is extremely expected such as laboratories and research centers.
- Chemical industry flooring.

ADVANTAGES

- Solvent free.
- Good abrasion and slip-resistant surface.
- Can be applied for a wide range of thicknesses.
- Reflective smooth finish.
- Hygienic, anti-bacterial, and fungus growth.
- Waterproof.
- Long Pot life, Suitable for hot climates.

PACKAGING

13 kg set.

SHELF LIFE & STORAGE

12 months storage life if stored in its original unopened containers under a dry and shaded place in a temperature from 5°C to 35°C.

TECHNICAL PROPERTIES

Form	liquid
Solid content	100%
Mixed Density (ASTM D1475) @ 25°C	1.02±0.02 Kg/ltr
Pot life @ 25°C	40±3 min.
Full dry @ 25°C	10 hrs.
Full cure (ASTM D1640) @ 25°C	7 days
Water absorption (ASTM C413)	<0.035%
Shore D Hardness (ASTM D2240)	≥85
Adhesion to concrete (ASTM D7234)	>2.5 N/mm ²
Tensile strength @ 14 days (ASTM D2370)	34 N/mm ²
Flexural strength	54±1 N/mm ²
Abrasion resistance (ASTM D4060)	60 mg/1000 cycles [C10 wheels]
Coverage	1.02 Kg/m ² @ 1000 micron thick

APPLICATION INSTRUCTIONS

Surface Preparation

Cicofloor®Deco Clear is applied on sound, clean, and dry substrates to achieve maximum adhesion between Cicofloor®Deco Clear and substrate. Laitance, oil, and grease can be removed by either using Cicosurface®Degreaser, sandblasting, or steam cleaning. In case Cicofloor®Deco Clear will be used over other epoxy or PU layers; the surface should be clean and free from all dust or laitance. It is preferable to apply Cicofloor®Deco Clear directly after any previous layer to ensure a high bond between them.

CicoFloor® Deco Clear

Mixing

Stir the base separately. The entire contents of the smaller can (hardener) can be poured into the base container and the materials should be mixed for at least one minute by mechanical mixer using a slow or medium speed mixing drill.

Priming

Cicofloor®Deco Clear will be sealing other epoxy or PU systems; primer is not needed.

Application

As a Clear Protective Topcoat:

CicoFloor® Deco Clear may be applied as a transparent protective finish over decorative epoxy flooring, metallic epoxy systems, logos, graphics, and colored floor coatings. The substrate should be clean, dry, sound, and free from dust, oil, grease, or any contaminants. After thoroughly mixing Components A and B, the material is poured onto the prepared surface and spread uniformly using a rubber squeegee, gauge rake, or roller. The coating should then be back-rolled to ensure an even, bubble-free finish. Typical application thickness ranges from 0.5 to 1.0 mm depending on the desired appearance and protection level.

Decorative Countertops and Worktops:

The mixed material is poured and spread evenly over the prepared substrate, encapsulating decorative elements if required. Its self-leveling properties create a smooth, glass-like appearance with excellent clarity. Once cured, it provides a durable, stain-resistant, abrasion-resistant, and easy-to-clean surface.

Decorative Flake Flooring System:

The substrate should be properly prepared and primed before application of a pigmented epoxy base coat. While the base coat remains wet, decorative flakes are broadcast uniformly to the desired density, ranging from light decorative coverage to full broadcast systems. After curing, excess and loose flakes should be removed by scraping and vacuuming the surface. CicoFloor® Deco Clear is then applied using a rubber squeegee followed by back-rolling to fully encapsulate the flakes and create a seamless, durable, and easy-to-clean finish. Depending on the desired texture and appearance, one or more coats may be applied to achieve either a lightly textured or smooth glossy surface with excellent abrasion, chemical, and stain resistance. Typical total system thickness ranges from 1.0 to 3.0 mm depending on the flake loading and number of sealing coats.

LIMITATION

Don't apply Cicofloor®Deco Clear if the temperature of the surface is below 5°C or over 40°C.

CLEANING

Clean all tools and application equipment with Cicosolvent® immediately after use. Hardened and cured material can only be removed mechanically.

PRECAUTIONS

Health And Safety

Cicofloor®Deco Clear should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When contact with the skin is made, wash off immediately with soap and water. If swallowed, seek medical attention immediately, do not induce vomiting.

TECHNICAL SUPPORT

CIC provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other CIC products and guidance on their use are available on request.

Warranty

CIC products are guaranteed against defective materials and manufacture and sold subject to CIC's standard terms and conditions of sale. Whilst CIC endeavors to ensure that any advice, information or recommendation given is correct, the company cannot accept any liability either directly or indirectly arising from the use of its products. User of the product must test the product's suitability for the intended application and purpose, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Our Products are in continuous development and CIC reserves the right to change the product without prior notice.