

Application Instructions / Technical Data Sheet

CAIRCON - Silicate-Based Anti-Slip Additive

The fine anti-slip additive with a grain size of 0.3-0.5 mm is almost invisible and, like salt, barely noticeable when evenly distributed. It provides effective R9 to R10 slip resistance and is ideally suited to various floor coating systems. It is especially effective in combination with our 2K Epoxy **Resin Coating, which is** ideal for heavily used surfaces such as garages, workshops, industrial halls, balconies, terraces and areas around swimming pools.

If third-party products are used for substrate preparation, we recommend testing their compatibility on a test area before application to ensure that the final result meets the required standards. We accept no liability for application results when third-party products are used.

Step 1. Substrate Preparation

1. **Cleaning:** Ensure that the floor surface is clean, dry and free from dust, oil or dirt. Clean the floor thoroughly to ensure good coating adhesion.
2. **Paint application:** Apply the desired floor paint or coating (2K or 1K) to the prepared floor. Wait until the paint is still wet or "tack-free" before proceeding with application of the glass beads.

Step 2. Application

1. Mixing with Paint:

- Add the glass beads directly to the still-liquid paint or coating (recommended quantity: 100-150 g per square metre for strong slip resistance or 50-60 g for a lighter texture).
- **Mixing:** Stir the glass beads thoroughly into the paint so that they are evenly distributed.
- **Application:** Apply the mixed paint to the floor as usual to achieve an even slip-resistant surface. If 2 coats are recommended, mix the glass beads only into the second coat to increase slip resistance.

2. Broadcasting onto Fresh Paint:

- **Broadcasting:** If more intensive slip resistance is required, broadcast the glass beads directly onto the freshly applied paint.
- **Quantity:** Distribute the glass beads evenly over the wet surface. Ensure that they adhere well.
- **Allow to dry:** Allow the coated surface to dry completely.

Drying Instructions:

- **Drying:** Allow the floor coating with glass beads to dry sufficiently before walking or driving on the floor. For optimum results, observe the drying time stated in the instructions for the floor coating product.

Slip Resistance / Consumption

For strong slip resistance (R9-R10) = approx. 100-150g/m²

For light slip resistance = approx. 50-60g/m²

Recommended Additional Products

Cleaning	CAIRCON - Etching Solution, CAIRCON - Special Pre-Cleaner
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Substrate Preparation	CAIRCON - Epoxy Primer, CAIRCON - 2K Clear Epoxy Resin Primer, CAIRCON - Levelling Compound, CAIRCON - Epoxy Resin Mortar
Additional Sealing	CAIRCON - 2K Floor Sealer, CAIRCON Colour Chips
Tools	CAIRCON Spiked Shoes, CAIRCON Floor Roller, CAIRCON Epoxy Spiked Roller, CAIRCON Paint Brush Set
Similar Products	CAIRCON - Epoxy Resin Floor Coating, CAIRCON - 1K Floor Coating, CAIRCON - 2K Balcony Paint, CAIRCON - 2K Tile Paint

