

## Processing instructions / technical data sheet

### CAIRCON - Epoxy Primer

#### Product description

Solvent-free special primer based on polymer dispersion to optimize the adhesion of colored - 2K epoxy resin floor coating and other commercially available colored epoxy resin floor coatings.

For clear 2K epoxy resin floor coating, we recommend the use of 2K epoxy resin seal clear.

#### Application areas

Epoxy Primer acts as a bonding course on ceramic and mineral substrates such as screed, concrete or tiles. It can be used indoors and outdoors, on floors or walls.

#### Substrate preparation

Check substrate and adhesion for suitability, remove loose pieces. The substrate must be stable, clean, dry, free of grease and solid. First remove dirt, cement sludge, oxide layers, lime deposits or release agents completely with **Special pre-cleaner** and wash thoroughly. Heavily soiled, oil-soiled or new concrete or screed surfaces must also be pre-treated with **Acid Etch Solution** (etching solution). Treatment with etching solution removes stubborn dirt and deposits from new concrete surfaces (lime) and roughens the surface to a microfine. In the case of large-scale contamination, we recommend shot blasting or, in extreme cases, replacing the affected areas.

First repair any existing cracks and holes with **epoxy resin mortar**. Level out unwanted bumps and gradients with leveling compound. Then pre-coat the floor with **Epoxy Primer** for optimized adhesion.

Allow new concrete surfaces to dry out for at least 4-6 weeks before treatment.

Mineral substrates (set, dimensionally stable and load-bearing) must be free of sanding particles and other substances that have a separating effect (e.g. rubber abrasion, grease, oil, unsuitable primers, etc.). The substrates must be adequately insulated against soil moisture. Prepare the substrate with suitable measures such as blasting or milling.

Completely remove peeling or unstable old coatings by stripping or sanding. Clean firmly adhering and well-preserved old coatings and first apply a test coat to a small area. If the coatings are compatible, paint over undiluted. Allow treated surfaces to harden for at least 2 weeks before subjecting them to heavy loads.

#### Technical specifications

Drying time: approx. 1-2 hours (at 20°C / 50% relative humidity)

Tools: Lambskin roller, foam roller or brush

Yield: approx. 5m<sup>2</sup>/L'

Water and solvent free

Suitable for indoor and outdoor, wall and floor

### **Processing instructions**

Stir well before use. Do not process below +5°C. Apply undiluted evenly with a brush, brush or roller. The substrate should be treated until it is saturated and no longer absorbs the primer. Not with

spray with an airless device. Must not be mixed with other products.

Clean tools immediately after use with warm water and a household cleaner.

### **Security and Protection Measures**

Keep out of the reach of children. Store dry, well shot and cool, but not below +5°C. Ensure sufficient stability during transport. The usual protective measures must also be observed when using low-emission paint and varnish. Ensure adequate ventilation during processing and drying. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow to enter drains, waterways or soil. Only empty containers for recycling.

### **Recommended additional products**

2K epoxy resin floor coating

2K epoxy resin seal clear

2K Epoxy Resin Mortar

Etching solution

Special pre-cleaner