

Application Instructions / Technical Data Sheet

CAIRCON - Potassium Silicate Solution

Potassium silicate solution is a purely mineral binder for producing coatings and impregnations. It is a ready-to-use, concentrated, water-dilutable potassium silicate solution that consolidates mineral substrates by silicification. It reduces and equalises the absorbency of the substrate. Excellent for substrate preparation before subsequent wallpapering and painting work.

For consolidating and sealing render and masonry and for protecting natural stone from weathering by silicification. Depending on the absorbency of the substrate, dilute, for example, with two parts water and apply at a quantity of approx. 120-380 ml/m².

- ✓ As an additive for lime paints to improve their adhesion and resistance to wiping and water.
- ✓ For preserving and reducing the flammability of structural timber; recoating is generally possible after a drying time of two to five days.
- ✓ For bonding tiles to walls and tiled stoves; adhesive strength after approx. 10 minutes.
- ✓ In the home, potassium silicate solution can be used to seal vases and pottery and as an adhesive for paper on metal and glass.

Substrate preparation

The substrate must be clean, sound and free from grease. Remove old, poorly adhering coatings and loose render. Apply potassium silicate solution with a brush or suitable spraying equipment (do not inhale spray mist during spray application). Do not apply below +5°C (material and ambient air).

Cleaning tools

Clean with water immediately after use.

Disposal

Only recycle completely empty containers. Product residues may be disposed of as a solution or when dried under waste code no. 060299 (wastes not otherwise specified), or as household waste. Do NOT allow to enter drains.

Recommended additional products

Cleaning	CAIRCON - Special Cleaner, CAIRCON - Etching Solution
Tools	CAIRCON - Brush Set, CAIRCON - Floor Roller

Warnings and safety information

Hazard pictograms: none

Signal word: none

Hazard statements: none

Supplemental hazard statements:

EUH210 Safety data sheet available on request.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.