

# WAKOL PS 205 Cast Resin

## Technical Information

### Area of application

Fast-curing polymer-modified 2-component silicate resin

- for repairing screed cracks
- bonding studded boards, metal sections and synthetic or natural stone on absorbent and non-absorbent subfloors indoors.

### Special properties



- solvent-free as defined by TRGS 610
- no stirrer/agitator required
- barely perceptible odour

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions
- 2) Emissions class according to French law
- 3) Not applicable because emission characteristics substantially better than those of GISCODE S0,5
- 4) Suitable for underfloor heating
- 5) Suitable for exposure to castor wheels

### Technical data

Raw material base: Polymer-modified silicate resin

Mixing ratio: 1 : 1 parts by volume

Temperature:	15 °C	20 °C	25 °C	30 °C
Processing time:	approx. 13 min.	approx. 10 min.	approx. 8 min.	approx. 7 min.
Hardening time:	approx. 40 min.	approx. 30 min.	approx. 22 min.	approx. 18 min.

Application method: with spray grommet for cracks and surface joints  
with notched trowel for bonding work  
The serration is designed for the texture of the materials to be bonded.

Consumption:	depending on extent of repair work
Cleaning agent:	WAKOL RT 5960 Cleaning Cloth, in fresh condition
Storage temperature:	store in a cool location but not at temperatures below +10 °C
Storage time:	12 months at room temperature
GISCODE:	not applicable

## Subfloors

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets. Subfloors must be permanently dry, solid, level, free from dirt and adhesion-inhibiting substances. Use a suitable mechanical procedure to remove separating layers.

## Usage

Repair of screed cracks: cracks in screed to be widened with a wedge and cleared of dust. With larger cracks, especially if these have propagated right through the screed layer, also install cross sections at intervals of 30 - 50 cm and corrugated connectors to bond these screed surfaces together firmly.

Pour WAKOL PS 205 Cast Resin (Component B) into the bottle containing Component A. Seal the bottle, then shake vigorously for approx. 15 seconds until the liquid reaches a uniform colour with no visible streaks. Then use a knife to shorten the tip of the spray grommet.

The mixed cast resin is then poured into the gaps and the surface is smoothed off. Before hardening, the surface should be sprinkled with WAKOL S 28 Sprinkling Sand.

Bonding work: Apply mixed Cast Resin to the subfloor using a suitable notched trowel, without letting the adhesive pool. Choose a notched trowel that is able to completely cover the reverse side of the materials being bonded. Join together the bonding components immediately and press firmly down on them. During this bonding process, the bonded materials must be held firmly in contact with one another and, if necessary, should be secured or weighted down with appropriate auxiliary items.

A pasty consistency of the cast resin may be desirable for bonding work. In this case, simply let WAKOL PS 205 Cast Resin stand briefly after blending. Within a few minutes, the viscosity will increase and attain an optimal consistency for bonding work.

## Important

Do not process at temperatures below +15 °C and do not store at temperatures below +10 °C. Warm up all laying materials in due time in heated room.

Never seal expansion joints at the installation site.

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

The product data sheets can be found in their latest version at [www.wakol.com](http://www.wakol.com).

This Technical Information of 24.09.2019 supersedes all previous versions.