WAKOL PS 205 Cast Resin

Technical information

Area of application

Quick hardening polymer-modified 2-component silicate resin for

- repairing concrete subfloor cracks
- bonding studded boards, metal sections and synthetic or natural stone

on absorbent and non-absorbent subfloors indoors.

Special properties

1) 2)

- solvent free according to the definition of TRGS 610
- no stirrer/agitator required
- barely perceptible odour
- suitable for underfloor heating
- very productive
- suitable for wheelchairs

1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS R: very low in emissions

Technical data

Raw material substrate:	polymer-modified silicate resin			
Mixing ratio:	1 : 1 volume components			
Temperature:	15°C	20°C	25°C	30°C
Processing time:	approx. 13 mins.	approx. 10 mins.	approx. 8 mins.	approx. 7 mins.
Curing time:	approx. 40 mins.	approx. 30 mins.	approx. 22 mins.	approx. 18 mins.
Application method:	using spray grommet for cracks, cementing work with serrated trowel. Serration employed depends on properties of materials being cemented.			
Consumption:	depends on scope of repair work, for cementing work, approx. 200 - 300 g/m².			
Cleaning agent:	WAKOL RT 5960 Cleaning Cloths in fresh condition			
Storage temperature:	store in a cool place, but not below + 10° C			

Storage time:	12 months at room temperature
GISCODE:	not applicable

Subfloors

The subfloor and the climatic conditions of the room must meet the requirements of DIN 18356 or 18365. Subfloors must be level, permanently dry, solid and free from cracks, dirt and adhesion-inhibiting substances. Employ 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 vigourously 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 adhesive is then poured into the joints and the surface is smoothed off. Before hardening, the surface should be sprinkled with WAKOL S 28 Quartz sand.

Cementing work: apply well-mixed WAKOL PS 205 Cast Resin to the subfloor using a suitable serrated trowel, taking care to avoid pockets of cement residue. Choose a serrated trowel which completely covers the reverse side of the materials being cemented. Joint together cementing components immediately and press firmly down. During this bonding process, the cemented materials must remain firmly in contact with one another and, if necessary, should be secured or weighted down with appropriate auxiliary tools.

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.

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Important

Do not use below +10°C. In cold weather warm up WAKOL PS 205 Cast Resin in the heated room in due time.

Never seal in situ expansion cracks on the construction 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.

When this Technical Information bulletin dated 03.07.2012 is issued, all previous versions cease to be valid.