



## Technical Data Sheet

# INDUCRET®-VK-2050

## Mineral-based bonding aid

Art.-No. 5 50009

### Properties:

INDUCRET-VK-2050 is a mineral-based bonding aid with the following properties:

- cement-based, polymer modified fine mortar
- resistant to saponification
- immediately ready for use after mixing with water
- very easy to use
- water impermeable
- frost resistant and resistant to thawing salts
- also cures crack free with low shrinkage even under dynamic loads.

INDUCRET-VK-2050 improves the adhesive bond between bedding adhesive and the concrete substrate.

### Areas of application:

INDUCRET-VK-2050 is used as a mineral-based bonding aid between:

- concrete substrates and the bedding adhesive.
- concrete substrates and PCC (paver compacted concrete) repair mortars.

INDUCRET-VK-2050 is a component of the INDUCRET-VK-Monolith and INDUCRET-VK-Revision systems.

### Technical Data:

Basis:	cement
Bulk density:	approx. 1.15 g/cm <sup>3</sup>
Components:	1
Colour:	cement grey
Water demand:	approx. 6.5 to 7.5 litres
Pot life:	approx. 60 minutes at +20 °C and 65% relative humidity

Application temperature *:	min. +5 °C up to max. +30 °C (construction component and ambient temperature)
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Tensile adhesion strength: approx. 3.0 N/mm<sup>2</sup>

(\*): Construction components and ambient temperatures below +20 °C delay the setting time. Construction components and ambient temperatures above +20 °C accelerate the setting time.

### Cleaning:

Thoroughly clean tools with water after use.

### Packaging:

25 kg bags with polythene liner.

### Storage:

Frost above +10 °C in the original closed packaging. Used opened packaging promptly.

### Substrate / load bearing base:

The area to be treated must be:

- solid, load bearing and porous
- free from separating substances.

Dependent on the condition of the substrate use suitable means of preparation such as e.g. high pressure washing, grit blasting or other methods.

Concrete quality of the load-bearing base:	min. C25/30
Tensile adhesion strength:	> 1.5 N/mm <sup>2</sup>
Stone quality:	cleaned pore deep conforming to TL Min-StB and DIN EN 1342

### Product preparation:

Mix the powder component of INDUCRET-VK-2050 with water. Addition rate: approx. 6.5 – 7.5 litres. Mix the INDUCRET-VK-2050 with a suitable stirrer (max. 300 rpm) or a forced paddle mixer (mixing time approx. 3 – 5 minutes) until a homogenous, lump free material is achieved. After a maturing time of approx.

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# INDUCRET®-VK-2050

2 minutes stir through once again. Only mix as much material as can be used within the times given above.  
Application tools: hard broom or brush.

## **Method of application / consumption:**

Brush INDUCRET-VK-2050 into the prepared substrate with even coverage filling the pores with the appropriate tool.

The bedding mortar or repair mortar is to be applied whilst the bonding aid is still wet. During interruptions or once hardened the bonding aid must cure fully. Afterwards its application is repeated.

Material consumption: approx. 1.5 – 3.0 kg/m<sup>2</sup>  
dependent on the surface structure of the base.

## **Important advice:**

- Protect against rain by suitably covering.
- Stiffened material must not be diluted with water or mixed with fresh mortar.
- Use only complete packaging units during application.

Please observe a current EU health and safety data sheet.

GISCODE: ZP1