



Technical Data Sheet

INDUCRET®-VK-20-AM

Anchoring grouting mortar

Art.-No. 5 50023

Properties:

INDUCRET-VK-20-AM is an anchoring grouting mortar with the following properties:

- cement-based
- chloride free
- free from materials that cause corrosion
- highly fluid
- pumpable
- non-shrink
- develops extremely high initial and final strengths
- water impermeable and largely resistant to oil penetration
- low chromate in accordance with TRGS 613
- guarantees a strong adhesive bond.

Areas of application:

INDUCRET-VK-20-AM anchoring grouting mortar is used e.g. for the void free casting and grouting of:

- anchors in concrete, walling, rocks, the ground
- for use overhead and for filling joints.

Technical Data:

Particle size:	0 – 0.4 mm
Water demand:	13.0%
Consumption:	approx. 1.75 kg/dm ³
Compressive strength:	23 N/mm ² after 1 day 47 N/mm ² after 7 days 58 N/mm ² after 28 days
Flexural strength:	4 N/mm ² after 1 day 6 N/mm ² after 7 days 7 N/mm ² after 28 days
Expansion:	+0.3%
Pot life:	approx. 10 – 15 minutes at +20 °C

The data quoted are guide values determined under standard conditions +23/50-2.

Cleaning:

Thoroughly clean tools with water after use.

Packaging:

25 kg bags.

Storage:

9 months when stored dry and free from frost above +10 °C in the original closed packaging. Use opened packaging promptly

Surface preparation:

The area to be treated must be:

- solid, load bearing and have a good key
- free from separating substances.

Sufficiently pre-wet the substrate avoiding puddle formation.

Product preparation:

INDUCRET-VK-20-AM anchoring grouting mortar is delivered ready for use and only requires mixing with water. Fill the prepared forced paddle mixer with 13% water (relates to approx. 3.25 litres per 25 kg) leaving out a residual amount, add the bag contents and mix for approx. 3 minutes. Add the remaining water and mix for a further 2 minutes. The mix is immediately ready for grouting.

The grouting or injection/pumping process is carried out immediately after mixing. The process should be continuous without interruption.

Important advice:

- Protect exposed areas from wind and draughts. Cover with polythene to prevent early water evaporation.
- Lower temperatures and cold gauging water delay the strength development and decrease the flow rate. Higher temperatures accelerate the strength development.

INDUCRET[®]-VK-20-AM

- Consult the SCHOMBURG ICS GmbH technical advisory department when there is frost.
- Protect areas that are not to be treated from the effects of INDUCRET-VK-20-AM anchoring grouting mortar.

Please observe a current EU health and safety data sheet.

GISCODE: ZP1