



Set Accelerating and Waterproofing Compound

PRODUCT DESCRIPTION

INKA-S4 is a liquid form waterproofing repair and fixing compound which accelerates the setting times from hours, down to minutes when mixed with fresh portland cement to seal areas with water infiltrations.

AREAS OF USE

- Fixing anchor bolts to concrete or rock,
- Preliminary waterproofing on wet surfaces prior to the application of **INKA-S1** rendering.
- In various repair and fixing jobs where fast setting repair mortar is needed.

TECHNICAL DATA

- **Appearance:** Transparent light yellow liquid
- **Density (@20°C):** 1,25 ± 0,03 kg/lt
- **pH:** alkali
- **Chloride:** nil
- **Storage:** 24 months when kept unopened in its original packaging away from frost
- **Packaging:** 6 kg, 35 kg PE bins and 250 kg steel/PE barrels
- **Standard:** complies with- ASTM C494-81 Type C

DOSAGE

Depending on the type of application and water pressure, **INKA-S4** is diluted with clean water at a ratio of 1 : 1 to 1 : 4. The initial and final settings can be controlled according to the dilution rate.

APPLICATION

Severe infiltrations: Concrete surface should be roughened by sandblasting, wire brushing or similar methods. Surface must be clean, free from loose particles, dust, grease, oil, scale and rust.

Drainage pipes should be placed at points of water infiltration and water should be allowed to flow through them while rendering the rest of the area with the 1 : 1 diluted **S4** - cement paste.

In order to ensure a watertight insulation, the first layer of **S1** should be applied by circling around the inset pipes. After the render sets, drainage pipes should be removed and the cavities should be plugged with **S2** cement paste. The rest of the layers of **S1** should be applied as directed in its data sheet to finalise the application.

Normal infiltrations: Concrete surface should be cleaned. Diluted **S4** (1 : 1) should be mixed with cement and cracks and cavities should be rendered with a steel trowel.

ATTENTION

1. During mixing, **INKA-S4** should first be taken into a clean container and cement is then added on top of it while making a fast mix. Recommended mixing ratio is 3 parts cement to 1 part **INKA-S4** liquid.
2. Ambient application temperature should be above +5°C.
3. The set mortar can not be reused and should be discarded.
4. **INKA-S4**, is a strong alkali, therefore rubber gloves and safety goggles should be worn at all times.
5. The setting times can be controlled according to the dilution rate.

HEALTH & SAFETY

Rubber gloves and safety goggles should be worn at all times. If contact with eyes occur, rinse immediately with plenty of water and seek medical attention if necessary.

TECHNICAL SERVICES

Our technical support team is ready to answer all your questions concerning our product line.

For additional information, please contact our headquarters. Material Safety Data Sheet of this product can be obtained from info@inka.com or from our regional sales representatives.

