

PRODUCT DESCRIPTION

INKA-BA Plus is a liquid admixture designed to use for cold weather concreting by increasing the hydration heat therefore reducing the freezing point and acting as a cement paste protector of the fresh concrete mix.

ADVANTAGES

- Concrete pours where temperature reaches as low as -10°C .
- As a low performance plasticizer besides its set accelerating effect.
- Delivers extra resistance to water permeability and freeze-thaw cycles.
- Can be used in conjunction with other compatible admixtures.

TECHNICAL DATA

- **Appearance:** Transparent liquid
 - **Density (@ 20°C):** $1,20 \pm 0,03 \text{ kg/lt}$ -ISO 758
 - **pH:** 6,0 - 10,0
 - **Total Chloride Ion Content:** max. 0,1 -EN 480-10
 - **Equivalent Sodium Oxide as $\text{Na}_2\text{O}\%$:** max. 5% -EN 480-12
 - **Storage:** 12 months when kept unopened and away from freezing temperatures
 - **Packaging:** 35 kg PE bins and 250 kg steel/PE barrels & in bulk
 - **Complies with:**
 - TS EN 934-2 Ç.6
 - ASTM C494-81 Type C
- (CE Certificate No: 1783-CPR-004)

DOSAGE

INKA-BA Plus, is used 1% by weight of binder.

APPLICATION

INKA-BA Plus, in general, should be added to a concrete during mixing with the last portion of the mix water in order to ensure even dispersion of the admixture throughout the concrete. The admixture should not be added directly to the dry cement or aggregates.

INKA-BA Plus, also acts as a low performance plasticizer therefore it can also be used as a water reducer to enhance initial and final strengths.

ATTENTION

- In order to achieve the best result, portland cement should be used. For use of other blended types of cement, a laboratory test program should be carried out to optimize the performance, under actual on site conditions.
- All aggregates should be free from frost and if necessary should be heated.
- Fresh concrete temperature should not be below $+5^{\circ}\text{C}$.
- In order to preserve the hydration heat, precautions should be taken against strong winds, such as covering and/or insulating especially the exposed facades of the form-works facing north.

- It is not recommended for use in outdoor thin concrete elements.
- Before actual field use, laboratory and field tests should be carried out. Should there be a change in cement type or composition and/or a change in aggregate type or source, additional tests must be carried out for admixture compatibility. Our Q.A has to be informed in such a case for the necessary product upgrades.

HEALTH & SAFETY

- Protective gloves, goggles and clothing should be worn.
- Wash skin and eyes with plenty of water if contact occurs and seek medical attention if necessary.
- Do not eat or drink near the product and do not use contaminated hands when drinking and eating.

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.

