CN2000®A
Cementitious Capillary Crystalline Water-Plug Material (CCCW)

Product Data Sheet

Edition 5.2008

CN2000®A INSTA-PLUG

ISO 9001-2015 — GB/T19001-2015 CERTIFIED

Manufacturer:
ZHONGHE WATERPROOF MATERIAL CO. LTD.
China
Exclusive International Distributor:
Kelso Coatings
405 Industrial Drive, Unit #14, Milton, ON L9T 5B1

Telephone: 1-905-281-3921
E-mail: info@kelsocoatings.com
Website: www.kelsocoatings.com

Cementitious Capillary Crystalline Water Plug Material

Description:

CN2000®A INSTA-PLUG is a rapid setting, nontoxic integrated cementitious capillary crystalline water-plug material designed to stop active water leaks.

Applications:

- **CN2000®A INSTA-PLUG** can be used internally or externally in places where a high strength and rapid resurfacing is required.
- Plugging / stopping active water leaks.
- Sealing of leaking joints, tie holes, cracks.
- Resurfacing of honeycomb-type concretes, hollows, joint seams and holes left over by pull rods and scaffolds.

CN2000®A INSTA-PLUG can be used on following substrates:

- Concrete
- Masonry
- Earthenware
- Stone
- Cracks in bedrock

Advantages:

- **CN2000®A INSTA-PLUG** Stops water flow instantly.
- Initial setting time is 2 to 10 minutes – final setting time is within 15 minutes.
- **CN2000®A INSTA-PLUG** can be used under water.
- Has high strength and excellent durability.

Packaging & Storage:

- 25 kg Plastic Pails.
- When stored in a dry place between -30°C to 40°C, in the original packaging unopened and undamaged, the shelf life of **CN2000®A INSTA-PLUG** is 2 years.

How to Use CN2000®A INSTA-PLUG:

- The application surface must be clear and free of any surface contamination.
- Leakage area must be cut back to sound substrate, providing an appropriately roughened surface for the application of the **CN2000®A INSTA-PLUG** material.

CN2000®A
Cementitious Capillary Crystalline Water-Plug Material (CCCW)

Mixing:

- Setting time is dependent on the amount of water used.
- Mix ratio at 20°C is **CN2000®A**: water = 1: 0.25 to 0.3 (in weight). The **CN2000®A** must be added to the water and mixed quickly.
- When the mix pack begins to get hot and pliable after 2 or 3 minutes, it is ready to apply (Timing is dependent on ambient temperature and humidity)
- In cold weather when ambient temperature is below 0°C, use warm water. In higher temperature, use cold water.

Application:

- Only small quantities of **CN2000®A INSTA-PLUG** should be mixed.
- After the mixture has reached the application state, apply the **CN2000®A INSTA-PLUG** to the appropriate area immediately by forming the material into a wedge shape and forcing it into the leakage or cavity by pounding with a block of wood or hammer to ensure firm bond with damp substrate surface.
- After the leak has stopped, remove excess material.
- After the **CN2000®A INSTA-PLUG** is applied, and scraped flush with the surrounding substrate surface, lightly mist spray with water and apply a **CN2000®B (CCCW)** coating, according to the regulations for **CN2000®B** material. To plug larger holes or cracks **CN2000®A INSTA-PLUG** can be mixed with fibers for filler material and added strength.
- **CN2000®A INSTA-PLUG** can be applied at temperatures from -5°C to 40°C.

Typical Data:

Aggregate State: Powder
Color: Off White
Specific Gravity: 1.25 – 1.35

First Aid:

- **CN2000®A INSTA-PLUG** is cementitious. Avoid contact with skin and eyes. In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice if necessary.
- Workers should wear masks, goggles and gloves while mixing and stirring the product.
- **Keep out of reach of children.**

Disposal:

CN2000®A INSTA-PLUG is cementitious and should be disposed of as required by Federal, State, Provincial and Municipal laws and by-laws.
CN2000®A INSTA-PLUG is an **Environment Friendly Product**.

CN2000®A
Cementitious Capillary Crystalline Water-Plug Material (CCCW)

Warranty:

ZHONGHE Waterproof Material Co., Ltd. warrants that the products manufactured by the company, comply with the national standard **GB18445 - 2001 Cementitious Capillary Crystalline Waterproofing Materials**, shall be free from material defects and will conform to formulation standards and contains all components in their proper proportions.
Should any of the products be proven defective, the liability to **ZHONGHE Waterproof Material Co., Ltd.** shall be limited to replacement of the material proven to be defective. **ZHONGHE Waterproof Material Co., Ltd.** shall in no case be liable for incidental or consequential damages.
If problems are caused due to violation of the technical regulations, **ZHONGHE Waterproof Material Co., Ltd.** will not be responsible for replacement of the product.