



# *Hydratile HC*

## *Ready-to-use Tile Bonding Mortar*

### ***Description***

Hydratile HC is a solvent-free two-component cement based hydraulic binder and mortar for grout bonding of all types of ceramic tiles, mosaics, natural stone slabs and similar materials in areas where conventional cement based mortars do not satisfy the requirements for hygiene, mechanical strength and resistance to chemical attack.

### ***Object***

The base can be of any kind that is conventional in the building industry, such as cement plaster, lime finish, gypsum finish, gypsum partition walls, concrete bases asbestos-cement board etc.

Hydratile HC is also an ideal substance for the do-it-yourselfer with a wide field of applications like bonding tiles in factories, kitchens and for various repair work.

For low or non-absorbent surfaces Hydratile HC is often to be preferred, especially in case of variation in temperatures.

### **Food industry**

Kitchens, refrigerating rooms, dairies, abattoirs, butcheries, meat and fish processing industry, breweries, bakeries etc.

### **Food industry**

Laboratories, pharmaceutical plants, bleach plants, paper works, neutralization plants, sewage treatment works etc.

### **Other**

Hospitals, animal hospitals, swimming pools, showers, hotels, restaurants, shopping malls, air terminals, water reservoirs, etc.

### ***Advantage***

- Hydratile HC is rapid hardening. Concrete and mortars based upon it achieve high early strength allowing fast stripping of formwork, and return to service normally in the space of 6 hours to 24 hours.
- Hydratile HC shows excellent resistance to chemical attack from a wide range of aggressive substances. Also does not release free lime on hydration with water.
- Hydratile HC is ideally suited for heat resistant and for refractory concretes.

### ***Instruction for Use***

- After fixing the ceramic tiles the usual curing time must be observed before jointing can take place. The joints, especially the edges of the tiles, must be free from mortar, grease, oil, loose particles, etc. and air dry at the surface. When dimensioning the joints, the ratio width/depth ought to be 1 : 2.5-3 It is recommended to bring Hydratile HC to the most suitable working temperature by placing it in a room of about 20 °C
- Fill the joint completely with Hydratile HC by means of a hard rubber or plastic trowel or with a gun. Remove excess material immediately after grouting by screeding diagonally with a trowel, thus facilitating cleaning and reducing consumption.

- Clean the surface after a short time of maturity, i.e. 10-60 minutes after grouting with water (if possible look-warm provided with some drops of detergent) and a flat viscose or cellulose sponge. It is important that the water is changed frequently and sponges kept clean. Avoid hollowing out the joints.

### **Characteristic**

- Color : Grey
- Density : 1.5 kg./L.
- Compressive Strength @ 7days : 600 ksc
- Bonding to Ceramic Tile : 10 MPa

### **Packaging**

25 Kgs. /Bag.

### **Cleaning**

Clean all tools and equipment with clean water immediately after use. Hardened material can only be removed mechanically.

### **Storage**

Hydratile HC should be storage dry and in sealed packaging.

### **Precaution**

Hydratile HC contains cement and is alkaline. Suitable precautions should be taken to minimize direct contact to skin. Should the material enter the eyes, rinse immediately with clean water and seek medical attention.

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