

# CEMTEC DRY SHAKE

## NON-METALLIC FLOOR HARDENER

**CEMTEC DRY SHAKE** is a quartz-silica mixture of finely graded non metallic aggregate, plasticizer and cement binder. It is an economical concrete floor hardener recommended for both interior and exterior use. It is particularly valuable because of its non-rusting characteristics when floors will be frequently wet. **CEMTEC DRY SHAKE** is available in eight non-fading colors as well as natural.

### PRIMARY APPLICATION

- Car parks
- Auto showrooms and service centers
- Factory and warehouse floors
- Commercial and industrial facilities
- Machine facilities

### FEATURES / BENEFITS

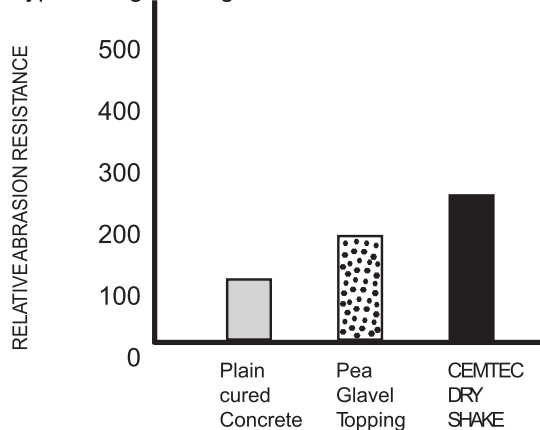
- Hardens concrete in one economical operation
- Use of hard and properly graded aggregates increases the wear resistance over plain concrete floors.
- Ready-to-use factory blend eliminates errors and messy expensive job mixing.
- Non-rusting materials make it possible to use **CEMTEC DRY SHAKE** outdoors as well as indoors
- CEMTEC dispersing agent contained in **CEMTEC DRY SHAKE** makes it possible to incorporate **CEMTEC DRY SHAKE** into the surface of low slump concretes resulting in exceptionally high surface strengths for maximum wear resistance.

### PACKAGING

**CEMTEC DRY SHAKE** is packaged in 25 kg bags.

### TECHNICAL INFORMATION

Typical Engineering Data



### COVERAGE

**CEMTEC DRY SHAKE** may be applied at rates from 3 to 7 kg/m<sup>2</sup>. The higher the application rate the better the abrasion resistance. Greater application rates may be used following consultation with CMCI Technical Department.

Heavy Traffic : 7 Kg/m<sup>2</sup>  
Medium Traffic : 5 Kg/m<sup>2</sup>  
Light Traffic : 3 Kg/m<sup>2</sup>

### DIRECTIONS FOR USE

In addition to the information in "Application Instructions - Dry shake Floor Hardeners", the contractor should consider the following when installing **CEMTEC DRY SHAKE**:

Colored (pigmented) dry shakes require special attention to achieve a uniform color. If the job involves placement of colored **CEMTEC DRY SHAKE**, care should be taken with regard to the following:

- Delay application of the shake as long as possible to get the maximum color saturation at the surface of the slab.
- Apply the shake as evenly as possible and in two applications for maximum uniformity.
- Do not burnish the final trowel. Best appearance is achieved by hand trowelling the final finish.

### APPLICATION NOTES

Please note that the timing of the application is important. Application should not be made too early, as excess water will be absorbed, which will result in lower strength and the floor will be subjected to dusting. In addition, the **CEMTEC DRY SHAKE** may migrate from the surface. Avoid late application due to insufficient moisture being available to complete the hydration process. Edges that will be subjected to heavy traffic or wear should be given additional protection.

Apply **CEMTEC DRY SHAKE** 75 - 150 mm wide along edges. Steel trowel into the surface.

**Curing and Sealing** - The following products are recommended for curing and sealing **CEMTEC DRY SHAKE**. Each has its own advantages and unique properties. The individual technical data sheet for each curing and sealing product should be consulted. In case of difficulty please contact the local CMCI representative for recommendations regarding specific projects.

## **CURING**

### **Solvent Based**

CEMTECKURE N SEAL\*

KURECOTE DR\*

### **V.O.C. Compliant**

KURECOTE 75 VOX

## **SEALING**

### **Solvent Based**

CEMTEC KURE N SEAL

### **V.O.C. Compliant**

CEMTEC SILHARD

\* If the floor surface will later be frequently exposed to solvents, hydraulic fluid, etc., cure the floor with KURECOTE DR applied at 9.8 m<sup>2</sup>/liter.

Seal the floor with CEMTEC SILHARD applied at 8 to 10 m<sup>2</sup>/liter.

Consult individual product data sheets for suitability and application information.

## **CLEAN-UP**

Clean tools and equipment with water before the material hardens.

## **PRECAUTIONS / LIMITATIONS**

- Interior concrete must be non air-entrained. For exterior, air-entrained concrete, contact CMCI for special instructions.
- For additional abrasion resistance beyond that offered by **CEMTEC DRY SHAKE** consider the use of CEMPLATE and iron aggregate floor hardener.
- Store in a dry place.

TD/0307/B

### **QUALITY STATEMENT**

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products. CMCI also offers full technical field support to consultants, Architects, Contractors, applicators and End Users

The Technical Specification information and recommendation given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product. CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.