

CEMTEC NON-SLIP AGGREGATE

NATURAL AGGREGATE, NON-SLIP FLOORING

DESCRIPTION

CEMTEC NON-SLIP AGGREGATE is a crushed and graded igneous aggregate, recommended for use wherever a hard, long wearing, heavy duty, nonslip floor is required. Its wear resistant qualities often exceed those of stone, gravel and various other selected materials used in the construction of heavy duty floors. It is graded to produce an optimum combination of sharp irregular particles, ranging from large to small, which mesh together and form an excellent acid resisting non-slip surface. It is available in standard #8-#30 size and other sizes to meet various specifications

FEATURES & BENEFITS

- Provides permanent safety in pedestrian areas such as sidewalks, ramps and platforms
- Non-rusting
- Most economical non-slip protection

BASIC USES

- Food processing plants
- Dairies
- Wherever concrete surfaces are exposed to water
- Stairways
- Platforms
- Ramps carrying pedestrian traffic in public and private buildings
- Parking garage ramps where additional traction is necessary for vehicles entering and leaving

DIRECTIONS FOR USE

Placing Procedures

Place concrete between screed points and strike off to level of finished floor. Use float or darby to level surface. To remove excess water, drag surface with burlap or a rubber hose. After the concrete has stiffened somewhat, open the surface by floating with hand wood or power float. For best results and uniform thickness, **CEMTEC NON-SLIP AGGREGATE** should be applied in two applications using approximately two-thirds of the total amount for the first application. Allow the first application to remain unworked on the surface until it has absorbed moisture. Then float with hand or power float. Immediately after, apply the second application. Float the second application in the same manner as outlined above, working the edges, then cross floating for a level surface. Trowel until the desired surface finish is achieved.

Appearance

CEMTEC NON-SLIP AGGREGATE a crushed and graded igneous aggregate as packaged. The final troweled appearance can be any texture consistent with that expected from concrete and should be specified by the owner. **CEMTEC NON-SLIP AGGREGATE** is typically not given a steel trowel finish.

Curing & Sealing

The following products are recommended for curing and sealing **CEMTEC NONSLIP AGGREGATE**. 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

TECHNICAL INFORMATION

Typical Engineering Data

Specific Gravity	: 2.87
Moh Hardness	: 7
Absorption	: 0.19%
Aluminium Oxide	: 25.4%
Silica	: 56.1%

Gradation Analysis

Screen Size	# 8 - #30 Grade %
# 8 sieve	7% retained
12 sieve	45% retained
16 sieve	28% retained
30 sieve	20% retained
50 sieve	trace

CURING

Solvent Based

KUREKOTE DR* **

V.O.C. Compliant

KUREKOTE 75 VOX

SEALING

Solvent Based

CEMTEC KURE N SEAL*

CEMTEC SIL-HARD*

* Do not use on colored surfaces.

** If the floor surface will later be frequently exposed to solvents, hydraulic fluid, etc., cure the floor with

to solvents, hydraulic fluid, etc., cure the floor with **KURE-KOTE DR** applied at 9.8 m²/liter. Seal the floor with **CEMTEC SIL-HARD** applied at 8.6-9.8 m²/liter. Consult individual product data sheets for suitability and application information.

CLEAN-UP

Clean tools and equipment with water before the material hardens.

COVERAGE	CEMTEC NON-SLIP AGGREGATE is generally used at a rate of 4.9 kg/m ² .
PACKAGING	CEMTEC NON-SLIP AGGREGATE is packaged in 25kg bags with polyethylene liner for moisture protection. Material is shipped 60 bags per pallet.

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 NON-SLIP AGGREGATE** consider the use of CEMPLATE, an iron aggregate floor hardener.

CMCI manufactures 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.

"High Quality Construction Chemicals"
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The Technical Specification information and recommendations 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.