

BC BCI Terrazzo Aggregates

Designer Aggregate mix for Effect Flooring

Description:-

BCI Terrazzo aggregates is a crushed and graded igneous aggregate, recommended for use wherever a hard, long wearing, heavy duty, decorative 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

Primary Applications:

- 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.

Features / Benefits:

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

Technical Properties:

Specific Gravity	: 2.87
Moh Hardness	: 7
Absorption	: 0.19%
Aluminum Oxide	: 25.4%
Silica	: 56.1%
Gradation Analysis	
Screen Size	#8 - #30 Grade
# 8 sieve	7% retained
12 sieves	45% retained
16 sieves	28% retained
30 sieves	20% retained
50 sieves	trace

Packaging:

BCI Terrazzo aggregates is packed in 25 kg bags with polyethylene liner for moisture protection. Material is shipped 60 bags per pallet.

Building Chemistry Industry

Suit No 203, Al Manar Business park Bin Khalid Street Dammam .Kingdom of Saudi Arabia.

Email: info@bcisaudi.com Website: www.bcisaudi.com





Coverage:

BCI Terrazzo aggregates is generally used at arate of 4.9 kg/m².

Appearance:

BCI Terrazzo aggregates is 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. BCI Terrazzo aggregates is typically not given a steel trowel finish.

Direction 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, BCI 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. Curing & Sealing – The following products are recommended for curing and sealing BCI Non-Slip Aggregate.

Each has its own advantages and unique properties. The individual technical datasheet for each curing and sealing product should be consulted. In case of difficulty please contact the local BCI representative for recommendations regarding specific projects.

Clean-Up:

Clean tools and equipment with water before the material hardens.

Precaution and Limitation:

- Interior concrete must be non-air-entrained.
- For exterior, air-entrained concrete, contact BCI for special instructions.
- For additional abrasion resistance beyond that offered by BCI Terrazzo aggregates consider the use of an iron aggregate floor hardener

Building Chemistry Industry

Suit No 203, Al Manar Business park Bin Khalid Street Dammam .Kingdom of Saudi Arabia.

Email: info@bcisaudi.com Website: www.bcisaudi.com

