SUPERCEM SLAG CEMENT

“Florida Made for Florida’s Trades”

PRODUCT NAME
SUPERCEM
GRADE 120 SLAG CEMENT

MANUFACTURER
VULCAN MATERIALS COMPANY
FLORIDA ROCK DIVISION, CEMENT GROUP
Customer Service 800-777-7071
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PRODUCT DESCRIPTION
SUPERCEM is a grade 120 Ground Granulated Blast-Furnace Slag cement suitable for use in the production of ready-mix concrete and concrete products. SUPERCEM is extremely effective in High Performance Concrete requiring greater compressive and flexural strengths; increased resistance to attack from sulfates and corrosion; increased permeability and durability properties; and, improved placing and finishing characteristics.

Basic Use: SUPERCEM is used in pavements and sidewalks, reinforced concrete buildings, bridges, railway structures, tanks and reservoirs, culverts, water pipes, prestress, precast, ready mix, stucco, shotcrete, gunite and masonry units.

Size: Available in bulk via pressurized air tankers.

Applicable Standards: SUPERCEM conforms to the grade 120 requirements of ASTM C989 and AASHTO M302, Standard Specification for Ground, Granulated Blast-Furnace Slag for use in Concrete and Mortar.

INSTALLATION
Mixing: All concrete should be mixed thoroughly until it is uniform in appearance, with all ingredients evenly distributed. The maximum allowable time between initial mixing and final placement will depend upon the mix, weather and placement conditions. The manufacturer should be contacted for detailed information.

Remixing: Concrete that is left to agitate in a mixer tends to stiffen. Such concrete can be made fluid by remixing due to the thixotropic nature of hydrated cement. Under careful supervision a small amount of water may be added during remixing provided the following conditions are met: (1) maximum allowable water-cement ratio is not exceeded, (2) maximum allowable slump is not exceeded, (3) maximum allowable time from initial mixing is not exceeded and, (4) concrete is remixed for at least half the minimum required mixing time or number of revolutions.

Remixed concrete tends to harden rapidly and requires coordination of placing and finishing.

Finishing: As the cement hydration conditions change the timing of finishing will have to be adjusted. For detailed information contact the manufacturer.

Note: Freshly mixed cement, mortar, grout or concrete may cause minor skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly with water. If any of the cementitious material gets into the eye, rinse immediately and repeatedly with water, and get prompt medical attention.

AVAILABILITY
SUPERCEM is available throughout most of Florida.

TECHNICAL SERVICE
Trained and experienced SUPERCEM sales and technical personnel are strategically located in order to provide prompt, dependable technical service. For information and consultation contact the SUPERCEM sales office.

CERTIFICATION
Vulcan Materials Company certifies that all SUPERCEM when shipped from its mills or terminals will meet the current requirements of Specifications for ASTM C989 and AASHTO M302, Grade 120. The company makes no guarantee of finished work. The user is responsible for following recommended practices.