



POLYMER CONCRETE

Castable Materials With Outstanding Chemical Resistance for Corrosive Environments

Chemical-Resistant Castable

No. 35SG

No. 35SG is a hydraulically-setting, calcium aluminate castable concrete. It is recommended for protection of concrete and steel surfaces from high temperatures, thermal shock, abrasion and moderate chemical exposure. This product can eliminate the need for costly firebrick or tile linings and is equally effective for new construction or rehabilitation projects. It resists mild acids/alkalies over a pH range of 4.5 to 12.0 and withstands temperatures to 2100°F.

Acidproof Concrete - Structural Grade

No. 54SG

No. 54SG is the polymer concrete version of Sauereisen's original No. 54. It is a similar potassium silicate castable refractory for chemical resistant construction. No. 54SG exhibits strong physical properties for foundation grade applications. Sauereisen 54SG has been specifically formulated to exhibit the handling properties of Portland concrete by utilizing typical mixing, forming, and casting methods.

Epoxy Polymer Concrete

No. 165

Sauereisen Epoxy Polymer Concrete No. 165 is a castable material for the chemical-resistant construction of sumps, dikes, containment areas, trenches, walls, floors, and structural support columns or bases. No. 165 has been specifically formulated for foundation construction and should be installed with proper reinforcement. Mixing and forming methods for No. 165 are similar to those used for Portland cement installations.

Epoxy NovolaK Polymer Concrete

No. 265

Sauereisen Epoxy NovolaK Polymer Concrete No. 265 is a castable for the chemical-resistant construction of sumps, dikes, containment areas, trenches, walls, floors, and structural support columns or bases. No. 265 has been specifically formulated for foundation construction and should be installed with proper reinforcement. Mixing and forming methods are similar to those used for Portland cement installations.

Vinyl Ester Polymer Concrete

No. 410

No. 410 is a castable vinyl ester material. It is used for the chemical-resistant construction of many structures in the chemical industry. Mixing and forming methods are similar to those used for Portland cement installations. Vinyl ester polymer concrete offers superior chemical resistance with a maximum service temperature of 220°F.

NovolaK Vinyl Ester Polymer Concrete

No. 465

Sauereisen NovolaK Vinyl Ester Polymer Concrete No. 465 is a castable for the construction of chemical-resistant sumps, dikes, containment areas, trenches, walls, and structural support columns or bases. No. 465 has been specifically formulated for foundation construction and should be installed with proper reinforcement. Mixing and forming methods are similar to those used for Portland cement.