



34-6110 (Crushed form)



34-6105 (Standard ingot form)

High Strength Capping Compound

Code: 34-6105 (Standard ingot form)
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Product Group: [Sulphur Compound Method](#), [Flake Capping Compound](#)

DESCRIPTION:

VITROBOND HIGH STRENGTH CAPPING COMPOUND is a mineral-filled, sulfur-based compound formulated for capping concrete test cylinders. It is easily melted, pours smoothly, possesses higher compressive strength, and gives consistent test results. Sulfur-based capping compounds have been used for many years by independent testing laboratories, pre-stressed concrete structures manufacturers and federal, state and local testing agencies. This compound is suitable for running compressive strength tests upon high strength concrete.

ADVANTAGES VITROBOND HIGH STRENGTH CAPPING COMPOUND:

- Ready-to-use—just melt and pour. No mixing or possibility of low strength or erratic results from improper proportions.
- Does not require controlled room temperature or humidity conditions during pouring of caps.
- Does not require moist curing or other tedious handling procedures.
- Not affected by dry cylinders.
- Can be tested two hours after cooling.
- Virtually no settling in the melting pot, thus, results are uniform from cylinder to cylinder.

Standards:

ASTM C905
ASTM C307
ASTM C579
ASTM C617

Specification:

Standard: 50 lbs (22.7 kg) carton containing 5 lbs (2.3 kg) ingots

Crushed: 50 lbs (22.7 kg) bag

Density: 136 lbs/ft³ (2.18 g/cc)

Tensile Strength: > 1,000 psi (6.89 MPa) [48 hrs @ 77oF (25oC)]

Compressive Strength: > 9,000 psi (62.1 MPa) [48 hrs @ 77oF (25oC)]
> 8,000 psi (55.2 MPa) [2 hrs @ 77oF (25oC)]

Melting Range: 320oF (160oC)

Optimum Pouring Range: 275oF (135oC) to 295oF (146oC)

Weight: Standard: 50 lbs (22.7 kg.) carton containing 5 lbs (2.3 kg.) ingots

Crushed: 50 lbs (22.7 kg.) bag