

# Type III Low Alkali Cement

## High Early Strength and Architectural Applications

**Highest  
Quality Products  
and  
Superior  
Technical Support  
for  
Cement Types:**

IL  
I / II  
I / II / V  
III

**Oil Well  
(API Class G)**

**Plastic  
VELOZ  
Masonry Cement**

### Manufacturer:

CalPortland Company  
2025 E. Financial Way  
Glendora, CA 91741  
626.852.6200  
[www.calportland.com](http://www.calportland.com)

### Product Description:

Type III Low Alkali cement is a portland cement manufactured for the purpose of obtaining high early strengths. This is accomplished by altering the chemical composition of the cement and increasing its fineness.

### Product Applications:

Precast products, ready mix concrete, concrete pavement, plaster, mortar products, and early form removal for structural concrete in cold weather.

Type III Low Alkali cement is highly regarded for architectural applications and is the material of choice for architectural concrete and mortar products due to its light color.

Type III Low Alkali cement is used by the oil well industry when applications require a quicker hydrating product.

### Benefits:

Type III Low Alkali cement will increase strength development characteristics of your concrete or mortar products. Examples may be early form removal, post tensioning / prestressed concrete and also for cold weather applications. Type III cement will show increases in early strength over common cement by as much as 65% in one day.

Low Alkali cement is required for most construction in the western U.S. where siliceous aggregates create the potential for alkali-aggregate reactions. Low Alkali cement helps mitigate the potential for these deleterious reactions which may occur in concrete especially exposed to continuous moisture.

### Quality:

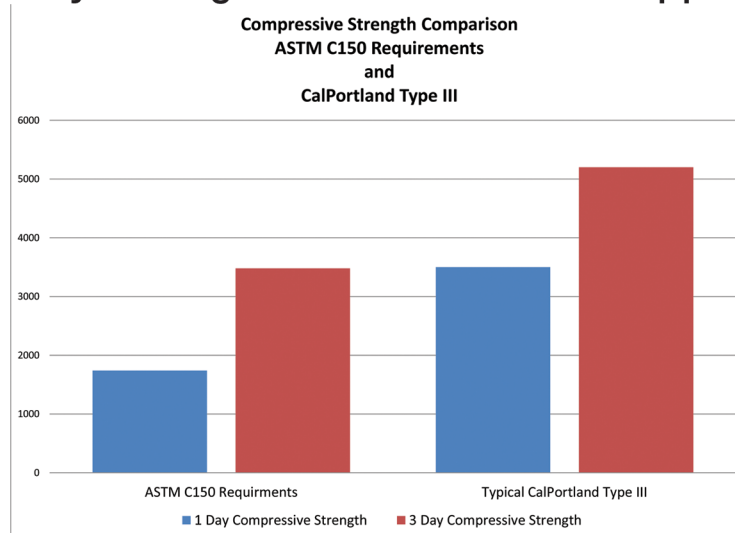
Established in 1891, CalPortland is proudly advancing into its second century of providing unsurpassed quality, with a full product line of superior performing cement products and solutions for your greatest construction challenges.

From our state-of-the-art cement production facilities we manufacture product using only high quality raw materials and strict quality control procedures. CalPortland is recognized as the leader in quality cement production and innovation.



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### Standards:

Type III Low Alkali cement meets the following requirements:

ASTM C150 for Type III cement.

AASHTO M85 for Type III cement.

Type III Low Alkali cement also meets the optional requirement of a low alkali cement (maximum alkali content of 0.60 percent expressed as  $\%Na_2O + 0.658K_2O$ ).

### Product Precautions:

Type III Low Alkali cement is not for use in areas subject to sulfates in soils.

For precise product application it is important to refer to the project specifications.

Contact with cement (including unhardened concrete, mortar, wet cement, or cement admixtures) can cause skin irritation, severe chemical burns, or serious eye damage. Avoid contact with eyes and skin. Seek immediate medical attention if you have persistent or severe discomfort. In case of eye contact, flush with plenty of water for at least 15 minutes. Consult a physician immediately.

For other precautions please refer to the CalPortland Portland Cement SDS Report.

### Availability:

Type III Low Alkali cement is available in bulk quantities at:

14909 National Trails Highway  
Oro Grande, CA 92368

2825 W. Washington  
Stockton, CA 95203

1941 W Lower Buckeye Rd.  
Phoenix, AZ 85009

Sacked products are available through select building materials suppliers.

### Additional Information:

Additional information can be provided by visiting:

[www.calportland.com](http://www.calportland.com)

or by email:

[cementsales@calportland.com](mailto:cementsales@calportland.com)