PORTLAND CEMENT TYPE I/II

TITAN AMERICA® Portland Cement Type I/II can be specified for most concrete construction jobs, including projects that may require the concrete to withstand exposure to harsh environmental conditions.

- Extensively tested
- Controlled production
- Superb performance in harsh environments
- Excellent crack reduction qualities
- Consistent performance
- Characteristics desired by finishers
PORTLAND CEMENT TYPE I/II

RECOMMENDED USES
Titan America® Portland Cement Type I/II can be specified for most concrete construction jobs, including projects that may require the concrete to withstand exposure to harsh environmental conditions.

SPECIFICATIONS AND QUALITIES
Titan America® Portland Cement Type I/II is specified for projects that may have elevated levels of sulfates from soil or water in contact with the concrete. The chemical composition of Titan America® Portland Cement Type I/II is formulated to give excellent durability in such applications as water tanks, sewage pipes and holding lagoons, farming structures for animals, and thick concrete structures. Titan America® Portland Cement Type I/II meets or exceeds the requirements of ASTM C-150.

INSTRUCTIONS
Titan America® Portland Cement Type I/II

<table>
<thead>
<tr>
<th>PROPORTIONAL MIXING GUIDELINES</th>
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<tbody>
<tr>
<td><strong>Ingredients</strong> (Ingredientes)</td>
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<tr>
<td>Cement (Cemento)</td>
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<tr>
<td>Sand (Arena)</td>
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<tr>
<td>Gravel or Stone (Gravilla)</td>
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</tbody>
</table>

- The one bag mix referenced in the table above will yield 5.17 cubic feet or 15 square feet of concrete at 4 inches thick
- Use no more than 5-1/2 gallons of water per bag of cement
- Mix thoroughly and cure by keeping it damp for 4 to 7 days

CEMENT PREPARATION
Use no more than 5 1/2 gallons of water per bag of cement. Mix thoroughly and cure by keeping it damp for 4 to 7 days. Type I/II cement has a slower time of setting and lower heat build-up in comparison to Titan’s Type I product. Type I/II is ideal for construction of dams, thick foundations, and other structures that are susceptible to cracking from thermal increases.

ACCESSORY PRODUCTS
Aggregates can be added to meet specific job requirements. Aggregate for concrete should be clean, free of chemicals, coatings of clay, or other fine materials that may affect the hydration and bond of the cement paste. Potable water is required.

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