ACE IN THE HOLE
Fast Setting, High Strength Concrete

MANUFACTURER:
Ace-Crete Products, Inc.
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PRODUCT DESCRIPTION:
ACE IN THE HOLE is the ideal product for setting posts, pilings, deck supports and industrial footings. It has an initial set time of only 15 minutes, yet provides greater strength than traditional concrete. It is ideal for slabs and repair work where same day traffic is required and exceeds 4,000 psi in 24 hours.

USES:
- Setting posts, pilings, deck supports and industrial footings
- Concrete slabs, sidewalks and steps
- Anchoring satellite dishes

ADVANTAGES:
- Requires no mixing
- No mess, no cleanup
- Fast setting
- High strength

INSTALLATION:
Surface Preparation:
When setting posts, dig hole to desired width and depth, being careful to go below frost line. Also take into account any side stresses that will be applied to the post. When pouring slabs or forms, make sure that all supports are securely in place and leveled. For repairing concrete, remove all loose material, and make sure surface is clean and free of oil, grease, dirt and other contaminants. Damper surface, including adjoining surfaces, but allow no standing water to remain.

Mixing:
Put the necessary amount of ACE IN THE HOLE into a clean wheelbarrow, mortar box, mechanical mixer or similar easy to use container. When mixing by hand, form a crater in the center of the dry mix. Add sufficient water to achieve a workable consistency for the job to be done. Note that warm water will accelerate set time, while cold water will retard it. Avoid a soupy mix, as overwatering will weaken the mix considerably. Do not mix more material than can be used in 15 minutes.

Placement:
Setting Posts
Support the post in desired position, fill hole halfway with water, and pour dry ACE IN THE HOLE evenly around it until the material nearly reaches ground level. Check the post with a level on two sides to ensure proper placement. If dry powder remains on the surface, sprinkle water on top until all powder is wet. Initial set time is 15-30 minutes. For light duty applications allow the material to set for 1 hour. For heavier applications, such as basketball posts, it is recommended that the material set for at least 24 hours before use.

Placement:
Repair Work
Pour the material into the form quickly. For large areas, place material at one end, then continue across to the other end, finishing as it is placed. Finish material before it sets and rinse tools immediately. For a rough or non-slip surface, use a wooden float or a broom. For a smooth surface, use a steel trowel.

Curing:
ACE IN THE HOLE is self-curing when used to set posts. When used for slabs or repair work, keep moist for 48 hours with occasional fine spraying of water.
Coverage:
For setting posts, refer to the following chart:

<table>
<thead>
<tr>
<th>Hole Width (across)</th>
<th>6&quot;</th>
<th>8&quot;</th>
<th>10&quot;</th>
<th>12&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole Depth (down)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12&quot;</td>
<td>19 lbs.</td>
<td>36 lbs.</td>
<td>58 lbs.</td>
<td>85 lbs.</td>
</tr>
<tr>
<td>24&quot;</td>
<td>39 lbs.</td>
<td>73 lbs.</td>
<td>116 lbs.</td>
<td>170 lbs.</td>
</tr>
</tbody>
</table>

For new concrete slabs, refer to the following chart:

<table>
<thead>
<tr>
<th>Slab Thickness</th>
<th>Area In Square Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td>2&quot;</td>
<td>1 bag</td>
</tr>
<tr>
<td>4&quot;</td>
<td>2 bags</td>
</tr>
<tr>
<td>6&quot;</td>
<td>3 bags</td>
</tr>
</tbody>
</table>

One 40 pound bag of ACE IN THE HOLE will yield approximately 0.33 cubic feet when mixed with water.

Packaging:
Available in 40 pound multiwall paper bags with moisture barrier.

Color:
Light Gray

TECHNICAL DATA:

- Set Time: 15-30 minutes
- Compressive Strength:
  - 1 Hour: 2,000 psi
  - 1 Day: 4,200 psi
  - 7 Days: 5,100 psi
  - 28 Days: 6,300 psi

LIMITATIONS:

Do not apply to frozen surfaces or if temperature will fall below 40°F within 24 hours.

CAUTION:

Contains Portland Cement CAS #65997-15-1. Freshly mixed cement products may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. If any product gets into the eye, rinse immediately and repeatedly with water. If ingested, do not induce vomiting and get prompt medical attention. Also contains Sand CAS #14808-60-7. Avoid breathing dust. Prolonged exposure to dust may cause Silicosis or Scleroderma. Crystalline Silica has been classified by IRAC and NPT as a carcinogen. Wear NIOSH approved mask for silica dust. Keep Out Of Reach Of Children.

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product “as is” and without warranties, expressed or implied, from either Empire Blended Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.