Since 1966, Armorcast Products has been the innovative leader in supplying the utility industry with secure and protective enclosures. Providing below and above grade ground boxes and vaults of all shapes and sizes. Armorcast continues to be the sought after source for enclosures from numerous utilities, municipalities, contractors, state agencies and communication companies. The markets we serve are as diverse as our product offerings. Armorcast produces durable, functional and effective finished products, engineered to the end-user specifications and are available when and where they are needed. Armorcast has several facilities totaling nearly 475,000 sq. ft. of manufacturing space.
Armorcast Products cable trough are manufactured using high density polymer concrete material. Cable trough provide railroad, mass transit and power plants with durable and cost effective enclosures for power and fiber optic cables. Cable troughs are installed in areas subject to occasional heavy vehicular traffic. The heavy-duty design of the trough and cover assembly can withstand sidewall pressure due to heavy vehicles and train loading and has a tremendous strength to weight ratio as well as high impact resistance. Cable troughs can be supplied with optional dividers to segregate electric and telecommunications cables. They are quickly connected with bolts without the need to remove cover and can be field cut to easily adapt to different field conditions. High density polymer concrete is resistant to UV chemicals, freezes or thaws and does not conduct electricity.
The advantages of cable trough will be realized over time such as system’s reliability, adaptability, ease of maintenance and inherent safety features, which will result in significant cost savings over the life of the project.

- Cost effective compared to ductbanks
- Lower engineering and maintenance costs
- Ease of maintenance
- Adaptability to changing needs
- Ease of adding cables or rewiring for future expansion
- Reliability and reduced maintenance requirements
- Reduced cable corrosion potential due to moisture buildup
- Reduced potential for cable damage during cable pulling as cables are laid in the trough
- Provides ability to visually inspect cable components for faults and electrical continuity
- Less down time required for cable maintenance
- Reduction of manhole and handhole requirements
- Reduction of cable splicing
- Non-conductive
- Ease of installation in ballast sections during winter conditions

**PRODUCT FEATURES**

- Ease of installation
- High load carrying capacity
- High impact resistance
- Tamper-proof fasteners
- Superior weathering resistance
- Excellent chemical resistance
- Excellent insulating properties for cold climate installations

Trough can be field modified with common tools to suit unusual conditions
POLYMER CONCRETE CABLE TROUGH

ARMORCAST PRODUCTS COMPANY
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Polymer Concrete is a filled or extended plastic resin binder system with a structural fiber reinforcement for strength and durability. These systems were derived from Fiberglass Reinforced Plastic (FRP) systems normally referred to as fiberglass.

The evolution of Polymer Concrete began with a desire to reduce the raw material cost of FRP products by extending or reducing the amount of plastic resin required for each part. This was accomplished by using low cost fillers such as sand with the granular consistency of face powder. These initial attempts were successfully applied to a number of common products where physical product mass was paramount in the end product usage.

As Polymer Concrete research and development progressed, it became apparent that the fillers could be blended to obtain desirable physical and chemical properties equal to FRP as well as other generally used material. This discovery widened the probable application of Polymer Concrete with Armorcast Products Co. contributing significantly to its further scientific and product development under the name of ARMORCAST.

The development of the Armorcast Systems includes the blending of the fillers and their effect on the material properties, the resin binder, the fiber reinforcement and the production methods. Therefore these are complete systems being applied to the economical production of high quality products. These products are successfully replacing identical items normally produced from age-old materials previously considered the only standard.

The Four Major Components of the Armorcast Systems are as follows:

1. **BINDER**: We refer to the resin as the binder. It has the specific function of holding the entire mass or composition together and contributes to the specific desirable characteristics of the final product.

2. **FILLERS**: The Armorcast fillers are a defined proprietary blend of materials, each contributing to the property of the composition and the final product. These control such features as flexural strength, impact strength, compressive strength and ultraviolet absorption.

3. **FIBER REINFORCEMENT**: Armorcast uses the highest quality grade fibers for reinforcement. We utilize the distinguished physical characteristics of chopped, mat, cloth and woven fiberglass roving individually and collectively to meet the required product specifications.

4. **PRODUCTION METHODS**: The Armorcast production methods are as varied as is the proprietary blend of the Armorcast composition allowing the most economical conversion of raw materials into high performance products.

The production method employed for each product is determined by:

- the Armorcast composition of binder and fibers
- the specific combinations of the various types of glass fibers (chopped, mat, etc.)
- the yearly product quantity shipments
- the overall economics aimed at providing the highest quality products at the most economical price.

In addition to the four Armorcast System Components, above there is a product feature offered to our customers that is not necessarily thought of as a system component but more of a result of the above four. The Armorcast System allows the detailed reproduction of presently used standard products providing the customer the freedom of interchangeability with direct replacement spare parts. The Armorcast System features will save corporations, utilities and municipalities untold time and expense by eliminating the need for a complete product design change.
## MATERIAL PROPERTIES

<table>
<thead>
<tr>
<th>MATERIAL PROPERTY</th>
<th>TEST STANDARD</th>
<th>VALUE (TYPICAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>ASTM C170</td>
<td>21,000 psi</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM D790</td>
<td>19,000 psi</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>ASTM D790</td>
<td>1,670,000 psi</td>
</tr>
<tr>
<td>Ultimate Shear Strength</td>
<td>ASTM D372</td>
<td>8,000 psi</td>
</tr>
<tr>
<td>Modulus of Rupture</td>
<td>ASTM C99</td>
<td>6,500 psi</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM C307</td>
<td>2,000 psi</td>
</tr>
<tr>
<td>Coefficient of Thermal Expansion/Contraction</td>
<td>ASTM E831-12</td>
<td>11.95 x 10^-6 °F</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>ASTM D570</td>
<td>0.2%</td>
</tr>
<tr>
<td>Density</td>
<td>-</td>
<td>0.067-0.06 lbs/cu. ft</td>
</tr>
<tr>
<td>Fire Resistance</td>
<td>ASTM E 84</td>
<td>Meets NFPA Class A Material</td>
</tr>
<tr>
<td>Accelerated Service Test</td>
<td>ASTM D756, Procedure “E”</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Freeze Thaw</td>
<td>ASTM C1026</td>
<td>No cracks or damage</td>
</tr>
<tr>
<td>Electrical Resistivity Test</td>
<td>ASTM D257</td>
<td>Insulating Material</td>
</tr>
<tr>
<td>Electrical Tracking Resistance</td>
<td>ASTM D2303</td>
<td>Larger than 1200 mins.</td>
</tr>
<tr>
<td>Salt Spray</td>
<td>ASTM B117</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Initial Slip Resistance</td>
<td>ASTM C1028</td>
<td>0.60 min. (meets ADA)</td>
</tr>
<tr>
<td>Sodium Chloride 5%</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Sulfuric Acid 0.1 N</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Sodium Carbonate 0.1 N</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Sodium Sulfate 0.1 N</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Hydrochloric Acid 0.2 N</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
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<tr>
<td>Sodium Hydroxide 0.1 N</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Acetic Acid 5%</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Kerosene</td>
<td>ASTM D 543</td>
<td>No Significant Change</td>
</tr>
<tr>
<td>Transformer Oil</td>
<td>ASTM D 543</td>
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</tr>
<tr>
<td>Magnesium Chloride p5%</td>
<td>ASTM D 543</td>
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</tr>
</tbody>
</table>
1. SCOPE
   1.1. This specification details the requirements for designing, furnishing, and installing high density polymer concrete cable trough, as manufactured by Armorcast Products Company, and as described in the contract documents.

2. GENERAL REQUIREMENTS
   2.1. Polymer concrete cable trough shall be composed of dielectric fiberglass reinforced high density polymer concrete material. The trough shall be manufactured using open cast molding utilizing open male and female molds.

   2.2. Polymer concrete trough covers shall be composed of dielectric fiberglass reinforced high density polymer concrete material. The covers shall be manufactured using matched die molds to ensure consistency. The covers shall be molded using heated presses to ensure proper material compaction and controlled curing.

   2.3. As an option, cable trough may consist of rigid dividers integrated into the body of the trough. The dividers shall be cast from the same polymer concrete material as the trough body and shall be incorporated into the trough mold design. The number of dividers required shall be determined by the project and shall be reflected in the contract drawings.

   2.4. Cable trough shall be designed to accommodate a 1° bend over two (2) joined sections and up to a 3° bend over five (5) sections which shall be sufficient to permit cable trough to parallel track curvature without modification.

   2.4.1. In the event that a tighter bend radius is required, Armorcast Products Company may design and furnish elbow sections which shall be compatible with all other trough materials supplied.

   2.5. Cable trough shall allow for trouble-free drilling with a hole saw for cable transition to conduits. Similarly, a jab saw or keyhole saw shall be used for opening rounded or slotted holes through the sidewall or bottom of the cable trough for cable exits and entrances.

   2.6. All mounting and fastening hardware shall be either hot-dip galvanized steel, bronze or non-magnetic stainless steel, type 304, as required by project specifications and contract documents.

   2.7. Cable trough covers shall incorporate a non-skid surface design to mitigate slipping hazard.

3. MATERIAL REQUIREMENTS
   3.1. Cable trough shall be manufactured using dielectric fiberglass reinforced polymer concrete material. Polymer concrete material shall consist of calcareous and siliceous stone, glass fibers and thermoset polyester resin as manufactured by Armorcast Products Company.

   3.2. All raw materials used in the production of polymer concrete material cable troughs shall be performance certified by the manufacturer of origin.

   3.3. The high density polymer concrete material shall be tested by an independent party to meet the material requirements as outline in “Material Properties” table.

4. STRUCTURAL LOAD REQUIREMENTS
   4.1. Polymer concrete cable trough and cover assemblies shall be capable of withstanding AASTHO HS-20-44 wheel loading.

   4.2. Polymer concrete cable trough and cover assemblies shall be capable of withstanding a vertical design load of 20,800 pounds (16,000 lb. plus 30% impact factor) over a 10”x 20”x 1” steel plate backed with a 10”x 20”x 1/2” rubber pad.
4.3. The following testing procedures shall be used to test the structural integrity of the polymer concrete cable trough and cover assemblies:

4.3.1. Cover Vertical Loading
   4.3.1.1. A 10”x 20”x1” steel plate loading plate shall be placed longitudinally along the center of the trough cover. A rubber pad measuring 10”x 20”x1” shall be placed between the steel plate and the trough cover. A hydraulic loading ram shall be centered over the steel cover shall be loaded to 20,800 pounds. The steel plate and rubber backing plate shall be rotated 90 degrees and the 20,800 pounds load applied. Both loading conditions shall not cause failure of the trough or cover.

4.3.2. Trough Vertical-Lateral Loading
   4.3.2.1. The loading plate and rubber backing shall be placed on the edge of the cover and the trough wall with 5”x 20” of the steel plate suspended in air. The loading ram shall be centered over the steel plate. A preload of 2,000 pounds shall be applied and released to seat the trough and cover. The trough assembly shall be loaded to 20,800 pounds. The above loading shall not cause failure of the trough or cover.

4.3.3. Ultimate Strength Load Testing
   4.3.3.1. 10”x10”x1” steel plate and loading ram shall be centered over the cover. A rubber pad measuring 10”x10”x1” shall be placed between the steel plate and the trough cover. A preload of 2,000 pounds shall be applied and released to seat the trough and cover. The load shall be increased to reach 20,800 pounds and cycled 50 times. The cable trough and cover shall be capable of withstanding 40,000 pounds without failure.

5. INSTALLATION
   5.1. General
      5.1.1. High density polymer concrete cable trough shall be installed in ballast or soil, and/or mounted on or fixed to horizontal surfaces.
      5.1.2. Adhere to approved methods for excavation and backfill. Heavy duty hydraulically operated equipment shall not be used.
      5.1.3. Cable trough shall be installed per the manufacturer’s installation instructions and recommendations.

6. DOCUMENTATION REQUIREMENTS
   6.1. Certified test reports must be submitted to demonstrate conformance to the above specifications. Material testing shall be conducted by an independent testing laboratory.

7. APPROVED MANUFACTURER
   7.1. High density polymer concrete cable trough and covers shall be manufactured by:

   Armorcast Products Company
   9140 Lurline Avenue
   Chatsworth, CA 91311
   Tel: (818) 982-3600
   Fax: (818) 982-7742
   www.armorcastprod.com
RECOMMENDED INSTALLATION PROCEDURE

1. When installing express trough in ballast areas of ballasted track construction, prepare the sub ballast and the first 6 inches of ballast per Project requirements.

2. When installing express trough in sub ballast areas of construction, prepare the sub ballast per project requirements.

3. The ballast or the sub ballast shall be graded to allow for flat surface to join trough together. Elevations shall be taken with a survey level to ensure flat bed for proper installation.

4. Align the sections together and attach them using the provided bolts and washers. Bolts shall be hand tightened.

5. Wrap joints with geo-textile fabric prior to placement of ballast or sub ballast per project requirements. Rubber cement can be used to temporarily glue fabric to trough.

6. Place covers inside the frame of the express trough and bolt down using the provided bolts and washers. Do not load trough without covers installed and secured.

7. Place the ballast or sub ballast backfill against the sides of the express trough simultaneously on both sides in successive layers of 4 inches and compact each layer per project requirements.

8. Protect trough from construction traffic at all times. If construction traffic is close or needs to run over trough, place covers inside trough frame and bolt down. Place ballast material around exposed frame to make a ramped flat pad to accept steel plating and spread the loading outside of trough. Place a steel plate on top of the trough and cover extending at least one foot on each side.

The above installation procedure is provided as recommendations only. Express trough installations shall conform to all project specified requirements.
## TROUGH & COVER ASSEMBLY

<table>
<thead>
<tr>
<th>NOMINAL SIZE W x H x L</th>
<th>ID NO.</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL Width</th>
<th>OVERALL Height</th>
<th>TROUGH &amp; COVER ASSEMBLY NO.</th>
<th>APPROX. WEIGHT</th>
<th>PAGE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 8&quot; x 60&quot;</td>
<td></td>
<td>6.25&quot;</td>
<td>7.875&quot;</td>
<td>11&quot;</td>
<td>9.625&quot;</td>
<td>A6001301A</td>
<td>140 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>12&quot; x 8&quot; x 60&quot;</td>
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<td>12&quot;</td>
<td>6.625&quot;</td>
<td>17&quot;</td>
<td>17.875&quot;</td>
<td>A6001304A</td>
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<tr>
<td>20&quot; x 12&quot; x 60&quot;</td>
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<td>20.25&quot;</td>
<td>12.125&quot;</td>
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<td>14.375&quot;</td>
<td>A6001306A</td>
<td>340 lbs.</td>
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<td>20.25&quot;</td>
<td>16.125&quot;</td>
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<td>18.375&quot;</td>
<td>A6001307A</td>
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<td>6&quot;</td>
<td>24&quot;</td>
<td>8&quot;</td>
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<td>16&quot;</td>
<td>12.375&quot;</td>
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<td>10&quot;</td>
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<td>22.5&quot;</td>
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<td>25.25&quot;</td>
<td>A6001331AX25</td>
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<td>6.5&quot;</td>
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<td>8.5&quot;</td>
<td>A6001822AX8</td>
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<td>10&quot;</td>
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<td>12&quot;</td>
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<td>9.25&quot;</td>
<td>12.8/5&quot;</td>
<td>14.55&quot;/55&quot;</td>
<td>A6001828A</td>
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<td>30&quot;</td>
<td>12.25&quot;</td>
<td>A6002030A-BD</td>
<td>720 lbs.</td>
<td>35</td>
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### TROUGH ASSEMBLIES INCLUDE:
- All required attachment hardware
- Protection rods (If Applicable)
- Covers
- Bottom Dimensions slightly smaller
- Security Bolts as Required

### COVER SIZES

<table>
<thead>
<tr>
<th>SIZE W x L x T</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.75&quot; x 60&quot; x 1.375&quot;</td>
<td>A6001302</td>
<td>45 lbs.</td>
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<tr>
<td>14&quot; x 60&quot; x 1.5&quot;</td>
<td>A6001305</td>
<td>85 lbs.</td>
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<td>21.75&quot; x 60&quot; x 1.5&quot;</td>
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<td>135 lbs.</td>
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<td>31.75&quot; x 60&quot; x 2&quot;</td>
<td>A6001311U</td>
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<td>24&quot; x 60&quot; x 1&quot;</td>
<td>A6001312</td>
<td>75 lbs.</td>
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<td>20.375&quot; x 60&quot; x 1.5&quot;</td>
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<td>130 lbs.</td>
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<td>30&quot; x 32.75&quot; x 2&quot;</td>
<td>A6001329-CVR</td>
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<tr>
<td>26.75&quot; x 60&quot; x 2&quot;</td>
<td>A6001330U</td>
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<td>60 lbs.</td>
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</tbody>
</table>

*Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.*

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CABLE TROUGH ASSEMBLY
6" x 8"

POLYMER CONCRETE

DESCRIPTION
Trough & Cover Assembly

NOMINAL SIZE
6" x 8" x 60"

INTERIOR WIDTH
6.25"

INTERIOR HEIGHT
7.875"

OVERALL WIDTH
11"

OVERALL HEIGHT
9.625"

PART NUMBER
A6001301A

APPROX. WEIGHT
140 lbs.

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Protection rods
• Security bolts as required

6" x 8" x 60" CABLE TROUGH ASSEMBLY

COMPONENTS

DESCRIPTION
Replacement Cover

NOMINAL SIZE
6" x 8" x 60"

INTERIOR WIDTH
- 6.25"

INTERIOR HEIGHT
- 7.875"

OVERALL WIDTH
- 11"

OVERALL HEIGHT
- 9.625"

PART NUMBER
A6001301

APPROX. WEIGHT
95 lbs.

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www_armorcastprod_com Tel: (818) 982-3600 Fax: (818) 982-7742
CABLE TROUGH ASSEMBLY
12” x 8”

DESCRIPTION
Trough & Cover Assembly

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Protection rods
• Security bolts as required

12” x 8” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
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<tbody>
<tr>
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COMPONENTS

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<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
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</thead>
<tbody>
<tr>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>17”</td>
<td>9.875”</td>
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<td>140 lbs.</td>
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</table>

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21
CABLE TROUGH ASSEMBLY
12” x 16”

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
- Cover
- All required attachment hardware
- Protection rods
- Security bolts as required

12” x 16” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>12” x 16” x 60”</td>
<td>12”</td>
<td>15.625”</td>
<td>17”</td>
<td>17.875”</td>
<td>A6001304A</td>
<td>300 lbs.</td>
</tr>
</tbody>
</table>

COMPONENTS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A60U1305</td>
<td>80 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>12” x 8” x 60”</td>
<td>15.0625”</td>
<td>7.625”</td>
<td>17”</td>
<td>9.875”</td>
<td>A6001304</td>
<td>215 lbs.</td>
</tr>
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</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
CABLE TROUGH ASSEMBLY

12” x 12”

DESCRIPTION

TROUGH & COVER ASSEMBLY

DESCRIPTION

INTERIOR WIDTH

INTERIOR HEIGHT

OVERALL WIDTH

OVERALL HEIGHT

PART NUMBER

APPROX. WEIGHT

A6001306A

340 lbs.

20” x 12” x 60” CABLE TROUGH ASSEMBLY

LOAD RATING

Meets AASHTO HS-20 loading (20,800 lbs.)

16,000 lbs. wheel load + 30% impact load

Not for street or highway use

TROUGH ASSEMBLY INCLUDES:

• Cover
• All required attachment hardware
• Protection rods
• Security bolts as required

COMPONENTS

DESCRIPTION

INTERIOR WIDTH

INTERIOR HEIGHT

OVERALL WIDTH

OVERALL HEIGHT

PART NUMBER

APPROX. WEIGHT

Replacement Cover

- 

- 

- 

- 

A6UU13UB

15b lbs.

Replacement Trough

20” x 12” x 60”

20.25”

12.125”

25”

14.375”

A6U013UBA

205 lbs.

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CABLE TROUGH ASSEMBLY
20” x 16”

POLYMER CONCRETE

ARMORCAST PRODUCTS COMPANY

A6001307A

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Protection rods
• Security bolts as required

20” x 16” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>20” x 16” x 60”</td>
<td>20.25”</td>
<td>16.125”</td>
<td>25”</td>
<td>18.375”</td>
<td>A6001307A</td>
<td>370 lbs.</td>
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COMPONENTS

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<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6001307A</td>
<td>150 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>20” x 16” x 60”</td>
<td>20.25”</td>
<td>16.125”</td>
<td>25”</td>
<td>18.375”</td>
<td>A6001307A</td>
<td>235 lbs.</td>
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</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Protection rods
• Security bolts as required

20” x 12” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE</th>
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<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
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</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>30” x 12” x 60”</td>
<td>30”</td>
<td>12”</td>
<td>35”</td>
<td>14.75”</td>
<td>A6001309A</td>
<td>535 lbs.</td>
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COMPONENTS

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<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A8UU1311U</td>
<td>135 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>30” x 12” x 60”</td>
<td>30”</td>
<td>12”</td>
<td>35”</td>
<td>14.75”</td>
<td>A6001309A</td>
<td>265 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
CABLE TROUGH ASSEMBLY
24” x 8”

POLYMER CONCRETE

ARMORCAST PRODUCTS COMPANY

A6001311A

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

24” x 8” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>24” x 8” x 60”</td>
<td>21.5”</td>
<td>6.5”</td>
<td>26.5”</td>
<td>8”</td>
<td>A6001311A</td>
<td>185 lbs.</td>
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COMPONENTS

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<tr>
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<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6001312</td>
<td>75 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>24” x 8” x 60”</td>
<td>21.5”</td>
<td>6.5”</td>
<td>26.5”</td>
<td>7”</td>
<td>A6000131</td>
<td>110 lbs.</td>
</tr>
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</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
**LOAD RATING**
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

**TROUGH ASSEMBLY INCLUDES:**
- Cover
- All required attachment hardware
- Security bolts as required

**24” x 8” x 60” CABLE TROUGH ASSEMBLY**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>24” x 8” x 60”</td>
<td>18.25”</td>
<td>6”</td>
<td>24”</td>
<td>8”</td>
<td>A6001313A-ND</td>
<td>260 lbs.</td>
</tr>
</tbody>
</table>

**COMPONENTS**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
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<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6UU1314</td>
<td>130 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>24” x 8” x 60”</td>
<td>18.25”</td>
<td>6”</td>
<td>24”</td>
<td>8”</td>
<td>A6UU1313-ND</td>
<td>130 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
CABLE TROUGH ASSEMBLY
16” x 10”

POLYMER CONCRETE

ARMOCAST PRODUCTS COMPANY
A6001318A-ND

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

16” x 10” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>16” x 10” x 60”</td>
<td>12.375”</td>
<td>8.75”</td>
<td>16”</td>
<td>10.75”</td>
<td>A6001318-ND</td>
<td>205 lbs.</td>
</tr>
</tbody>
</table>

COMPONENTS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6001318</td>
<td>85 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>16” x 10” x 60”</td>
<td>12.375”</td>
<td>8.75”</td>
<td>16”</td>
<td>10.75”</td>
<td>A6001318-ND</td>
<td>120 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

30” x 27” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>30” x 24” x 60”</td>
<td>30”</td>
<td>24.25”</td>
<td>35”</td>
<td>27.25”</td>
<td>A6001329AX27</td>
<td>550 lbs.</td>
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</tbody>
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COMPONENTS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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<th>INTERIOR HEIGHT</th>
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<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6001329-CVR</td>
<td>75 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>30” x 24” x 60”</td>
<td>30”</td>
<td>24.25”</td>
<td>35”</td>
<td>27.25”</td>
<td>A6001329X27</td>
<td>400 lbs.</td>
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</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
CABLE TROUGH ASSEMBLY
30” x 25

POLYMER CONCRETE

ARMORCAST PRODUCTS COMPANY

A6001331AX25

PEDESTRIAN LOAD RATING
Higher load rating available

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

30” x 25” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>30” x 25” x 60”</td>
<td>25”</td>
<td>22.5”</td>
<td>30”</td>
<td>25.25”</td>
<td>A6001331AX25</td>
<td>470 lbs.</td>
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</table>

COMPONENTS

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<tr>
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<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A8UUTJUU</td>
<td>120 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>30” x 25” x 60”</td>
<td>25”</td>
<td>22.5”</td>
<td>30”</td>
<td>25.25”</td>
<td>A6001331X25</td>
<td>350 lbs.</td>
</tr>
</tbody>
</table>

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www.armorcastprod.com Tel: (818) 982-3600 Fax: (818) 982-7742
LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

13” x 8” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
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<th>PART NUMBER</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>13” x 8” x 60”</td>
<td>9.25”</td>
<td>6.5”</td>
<td>13”</td>
<td>8.5”</td>
<td>A6001822AX8</td>
<td>135 lbs.</td>
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</table>

 COMPONENTS

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<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
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</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6001823</td>
<td>65 lbs.</td>
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<tr>
<td>Replacement Trough</td>
<td>13” x 8” x 60”</td>
<td>9.25”</td>
<td>6.5”</td>
<td>13”</td>
<td>8.5”</td>
<td>A6001822X8</td>
<td>70 lbs.</td>
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</table>
CABLE TROUGH ASSEMBLY
17” x 12”

POLYMER CONCRETE

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

17” x 12” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
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<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
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</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>17” x 12” x 60”</td>
<td>13.25”</td>
<td>10”</td>
<td>17”</td>
<td>12”</td>
<td>A6001826A</td>
<td>240 lbs.</td>
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COMPONENTS

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<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6001827</td>
<td>100 lbs.</td>
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<tr>
<td>Replacement Trough</td>
<td>17” x 12” x 60”</td>
<td>13.25”</td>
<td>10”</td>
<td>17”</td>
<td>12”</td>
<td>A6001826 w/divider</td>
<td>140 lbs.</td>
</tr>
</tbody>
</table>

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LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

13” x 10” x 60” CABLE TROUGH ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>13” x 10” x 60”</td>
<td>9.375”</td>
<td>9.25”</td>
<td>12.875”</td>
<td>10.755”</td>
<td>A6001828A</td>
<td>170 lbs.</td>
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COMPONENTS

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<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6UU1823X1</td>
<td>50 lbs.</td>
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<tr>
<td>Replacement Trough</td>
<td>13” x 10” x 60”</td>
<td>9.375”</td>
<td>9.25”</td>
<td>12.875”</td>
<td>10.755”</td>
<td>A6U01828</td>
<td>120 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
CABLE TROUGH ASSEMBLY
13” x 10”

POLYMER CONCRETE

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

TROUGH ASSEMBLIES INCLUDE:
• Cover
• All required attachment hardware
• Security bolts as required

13” x 10” x 60” CABLE TROUGH ASSEMBLIES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>13” x 10” x 60”</td>
<td>9.375”</td>
<td>9.25”</td>
<td>12.875”</td>
<td>10.755”</td>
<td>A6001828A-ND</td>
<td>155 lbs.</td>
</tr>
</tbody>
</table>

COMPONENTS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A6001823X1</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>13” x 10” x 60”</td>
<td>9.3/5”</td>
<td>9.25”</td>
<td>12.8/5”</td>
<td>10.755”</td>
<td>A6001828-ND</td>
<td>155 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
CABLE TROUGH ASSEMBLY
30” x 11”

PEDESTRIAN LOAD RATING
Higher load rating available

TROUGH ASSEMBLIES INCLUDE:
- Cover
- All required attachment hardware
- Security bolts as required

30” x 11” x 120” CABLE TROUGH ASSEMBLIES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trough &amp; Cover Assembly</td>
<td>30” x 11” x 120”</td>
<td>25.5”</td>
<td>10.5”</td>
<td>30”</td>
<td>11.25”</td>
<td>A6002030A-BD</td>
<td>720 lbs.</td>
</tr>
</tbody>
</table>

COMPONENTS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Cover</td>
<td>30” x 11” x 120”</td>
<td>25.5”</td>
<td>10.5”</td>
<td>29”</td>
<td>11.25”</td>
<td>A6002030</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Replacement Trough</td>
<td>30” x 11” x 120”</td>
<td>25.5”</td>
<td>10.5”</td>
<td>29”</td>
<td>11.25”</td>
<td>A6002030</td>
<td>600 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
TRANSITION CABLE TROUGH
28” x 27” X 77”

POLYMER CONCRETE

TRANSITION FROM DUCTBANK TO AERIAL TROUGH

TROUGH ASSEMBLY INCLUDES:
- Cover
- All required attachment hardware
- Security bolts as required

PEDESTRIAN LOAD RATING
Higher load rating available

28” X 27” X 77” TRANSITION CABLE TROUGH

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>NOMINAL SIZE</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transition Cable Trough</td>
<td>28” x 27”</td>
<td>6.25”</td>
<td>7.875”</td>
<td>11”</td>
<td>9.625”</td>
<td>A6001819A</td>
<td>245 lbs</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com  Tel: (818) 982-3600  Fax: (818) 982-7742
EMBEDDED TRACK BOX ASSEMBLY

20” x 14” x 8”

AMORCAST PRODUCTS COMPANY

POLYMER CONCRETE

Other sizes and configurations are available

A6002014A

LOAD RATING

Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

EMBEDDED TRACK BOX ASSEMBLY INCLUDES:

- Cover
- All required attachment hardware
- Security bolts as required

20” x 14” x 8” EMBEDDED TRACK BOX ASSEMBLY

<table>
<thead>
<tr>
<th>NOMINAL SIZE</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>W x H x L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20” x 14” x 8”</td>
<td>A6002014A</td>
<td>55 lbs.</td>
</tr>
</tbody>
</table>

Armocast Products Company reserves the right to update or discontinue product information at any time without notice.

www.amorcastprod.com  Tel: (818) 982-3600  Fax: (818) 982-7742
EMBEDDED TRACK BOX ASSEMBLY
22” x 16” x 6”

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

EMBEDDED TRACK BOX ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

22” x 16” x 6” EMBEDDED TRACK BOX ASSEMBLY

<table>
<thead>
<tr>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>INTERIOR LENGTH</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>OVERALL LENGTH</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>22” x 16” x 6”</td>
<td>10”</td>
<td>4”</td>
<td>18.625”</td>
<td>18.5”</td>
<td>6.25”</td>
<td>22.5”</td>
<td>A6002214A</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com  Tel: (818) 982-3600  Fax: (818) 982-7742
EMBEDDED TRACK BOX ASSEMBLY

45” x 23” x 12”

ARMORCAST PRODUCTS COMPANY

POLYMER CONCRETE

Other sizes and configurations are available

A6002345A

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

EMBEDDED TRACK BOX ASSEMBLY INCLUDES:

- Cover
- All required attachment hardware
- Security bolts as required

45” x 23” x 12” EMBEDDED TRACK BOX ASSEMBLY

<table>
<thead>
<tr>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>INTERIOR LENGTH</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>OVERALL LENGTH</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>45” x 23” x 12”</td>
<td>18”</td>
<td>10”</td>
<td>40”</td>
<td>23”</td>
<td>12”</td>
<td>45”</td>
<td>A6002345A</td>
<td>270 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www_armorcastprod.com
Tel: (818) 982-3600  Fax: (818) 982-7742
EMBEDDED TRACK BOX ASSEMBLY
32” x 15” x 8”

POLYMER CONCRETE
ARMORCAST PRODUCTS COMPANY
A6003014A

Other sizes and configurations are available

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

EMBEDDED TRACK BOX ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

32” x 15” x 8” EMBEDDED TRACK BOX ASSEMBLY

<table>
<thead>
<tr>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>INTERIOR LENGTH</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>OVERALL LENGTH</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>32” x 15” x 8”</td>
<td>14”</td>
<td>6.25”</td>
<td>14”</td>
<td>17.87”</td>
<td>8”</td>
<td>32.12”</td>
<td>A6003014A</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com  Tel: (818) 982-3600  Fax: (818) 982-7742
EMBEDDED TRACK BOX ASSEMBLY
60” x 48” x 20”

EMBEDDED TRACK BOX ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

EMBEDDED TRACK BOX ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

60” x 48” x 20” EMBEDDED TRACK BOX ASSEMBLY

<table>
<thead>
<tr>
<th>NOMINAL SIZE W x H x L</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>INTERIOR LENGTH</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>OVERALL LENGTH</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>60” x 48” x 8”</td>
<td>43.25”</td>
<td>16.5”</td>
<td>55.25”</td>
<td>48”</td>
<td>20.75”</td>
<td>60”</td>
<td>A6004860A</td>
<td>815 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com  Tel: (818) 982-3600  Fax: (818) 982-7742
EMBEDDED TRACK BOX ASSEMBLY
60” x 48” x 20”

POLYMER CONCRETE

ARMORCAST PRODUCTS COMPANY
A6004860A-S

LOAD RATING
Meets AASHTO HS-20 loading (20,800 lbs.)
16,000 lbs. wheel load + 30% impact load
Not for street or highway use

EMBEDDED TRACK BOX ASSEMBLY INCLUDES:
• Cover
• All required attachment hardware
• Security bolts as required

60” x 48” x 20” EMBEDDED TRACK BOX ASSEMBLY

<table>
<thead>
<tr>
<th>NOMINAL SIZE</th>
<th>INTERIOR WIDTH</th>
<th>INTERIOR HEIGHT</th>
<th>INTERIOR LENGTH</th>
<th>OVERALL WIDTH</th>
<th>OVERALL HEIGHT</th>
<th>OVERALL LENGTH</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>60” x 48” x 20”</td>
<td>43.25”</td>
<td>16.5”</td>
<td>55.25”</td>
<td>48”</td>
<td>20.75”</td>
<td>60”</td>
<td>A6004860A-S</td>
<td>810 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
## Aerial Cover

**27” x 40”**

### PEDESTRIAN LOAD RATING
Higher load rating available

### 27” X 40” Aerial Cover

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SIZE</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial Cover</td>
<td>27” x 40” x 1”</td>
<td>A6001815</td>
<td>56 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.
AERIAL COVER
30” x 40”

POLYMER CONCRETE

ARMORCAST PRODUCTS COMPANY

A6001829

PEDESTRIAN LOAD RATING
250-350 lbs. sq./ft.
Not for street or highway use.

30” X 40” Aerial Cover

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SIZE</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial Cover</td>
<td>30” x 40” x 1”</td>
<td>A6001829</td>
<td>62 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com   Tel: (818) 982-3600   Fax: (818) 982-7742

46
AERIAL COVER
34” x 58”

ARMORCAST PRODUCTS COMPANY
POLYMER CONCRETE
A6003458

PEDESTRIAN LOAD RATING
Higher load rating available

34” X 58” Aerial Cover

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SIZE W x L x H</th>
<th>PART NUMBER</th>
<th>APPROX. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial Cover</td>
<td>34” x 58” x 1”</td>
<td>A6003458</td>
<td>68 lbs.</td>
</tr>
</tbody>
</table>

Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com  Tel: (818) 982-3600  Fax: (818) 982-7742

47
Detectable Warning Panels
RELIABILITY • PERFORMANCE • QUALITY • EASY TO INSTALL
Armorcast Products Standard Panel Colors
All colors are blended into polymer concrete material during manufacturing and homogenous throughout the panel. Additional colors and sizes are available upon request.

Safety Yellow  Red Brick  Black  Dark Grey  Blue

Armorcast Products Custom Colors
Armorcast Products Co. can produce unlimited color variations. We focus on customer service, by developing custom color detectable warning panels to meet the demands of architectural design requirements. Armorcast has worked closely with contractors, municipalities, and state agencies in developing our detectable warning panels to meet their needs and can produce just about any color to conform to project specifications.

Contact your nearest Armorcast Products Co. representative or an authorized Armorcast Distributor for more information or technical assistance on our products and capabilities.

Custom Salmon color panels produced for sporting goods store to match architectural color scheme.
DETECTABLE WARNING PANELS
PRODUCT FEATURES

RELIABILITY

• **Time Tested Material**- Armorcast Products Company has been serving the Construction and Utility industries with innovative products since 1966. Utilizing a base material approved for concrete repair by many DOT’s and combining this with our expertise, design, engineering and special manufacturing processes, Armorcast Detectable Warning Panels are made to withstand all anticipated and harsh weathering and traffic situations.

• **ADAAG Compliant**- Our products meet all requirements set forth by the Americans with Disabilities Act Accessibility Guidelines, and are approved by most municipalities and state DOT’s

• **5 Year Manufacturer Warranty**

PERFORMANCE

• **Out-Performs & Outlasts** all traditional panels, clay, brick, composite or cement concrete domed products.

• **Extremely Durable / Exceptional Strength**
Truncated domes will not shear or crack when exposed to high side impact loads or when installed in high traffic areas.

• **Very High Impact Resistance** to extreme temperature conditions with outstanding low temperature impact strength, plus high energy absorption.

QUALITY

• **Polymer Concrete Material**- Conforms to irregular underlaying substrates.

• **Homogenous Colors** are UV stable and unaffected by moisture, chemicals, and quick freezes.

EASY TO INSTALL

• Quick and Efficient Procedures.
• Wet Set Panels are Removeable & Replaceable.
• Panels are Flexible & Contours to Concrete.

NATION-WIDE DISTRIBUTION

www.armorcastprod.com Tel: (818) 982-3600 Fax: (818) 982-7742

MADE IN THE
U.S.A.
WET SET PANEL SPECIFICATIONS

Wet Set Panels are designed for installation into wet concrete and are engineered to be removeable and replaceable without having to cut, remove and pour new concrete. Panels come fully assembled with non-corrosive anchors and color matching stainless steel bolts. Installation is quick and easy. Follow the recommended Armorcast instructions detailed on the Wet Set Panel Installation page.

Product Features

- ADAAG Compliant
- Approved by most DOT’s
- 5 Year Manufacturer Warranty
- Comes Fully Assembled
- Exceptional Strength
- Extremely Durable
- Homogenous Colors
- Color Matching Bolts
- Easy to install
- Simple to Replace.

Wet Set Specifications

<table>
<thead>
<tr>
<th>SIZE W x L x D</th>
<th>PART NUMBER</th>
<th>PART WEIGHT</th>
<th>PALLET QTY.</th>
<th>PALLET WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” x 24” x 1/2”</td>
<td>A6002424RADA</td>
<td>22 lbs.</td>
<td>30</td>
<td>850 lbs.</td>
</tr>
<tr>
<td>24” x 36” x 1/2”</td>
<td>A6002436RADA</td>
<td>29 lbs.</td>
<td>15</td>
<td>620 lbs.</td>
</tr>
<tr>
<td>24” x 48” x 1/2”</td>
<td>A6002448RADA</td>
<td>40 lbs.</td>
<td>15</td>
<td>750 lbs.</td>
</tr>
<tr>
<td>24” x 60” x 1/2”</td>
<td>A6002460RADA</td>
<td>53 lbs.</td>
<td>15</td>
<td>925 lbs.</td>
</tr>
<tr>
<td>36” x 48” x 1/2”</td>
<td>A6003648RADA</td>
<td>57 lbs.</td>
<td>15</td>
<td>1,040 lbs.</td>
</tr>
<tr>
<td>36” x 60” x 1/2”</td>
<td>A6003660RADA</td>
<td>89 lbs.</td>
<td>15</td>
<td>1,385 lbs.</td>
</tr>
</tbody>
</table>

Radius / Wet Set Panel Specifications

<table>
<thead>
<tr>
<th>SIZE W x L x D</th>
<th>PART NUMBER</th>
<th>PART WEIGHT</th>
<th>PALLET QTY.</th>
<th>PALLET WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Foot Radius</td>
<td>A600R06RADA</td>
<td>23 lbs.</td>
<td>15</td>
<td>422 lbs.</td>
</tr>
<tr>
<td>8 Foot Radius</td>
<td>A600R08RADA</td>
<td>34 lbs.</td>
<td>15</td>
<td>540 lbs.</td>
</tr>
<tr>
<td>10 Foot Radius</td>
<td>A600R10RADA</td>
<td>23 lbs.</td>
<td>30</td>
<td>796 lbs.</td>
</tr>
<tr>
<td>12 Foot Radius</td>
<td>A600R12RADA</td>
<td>28 lbs.</td>
<td>15</td>
<td>456 lbs.</td>
</tr>
<tr>
<td>15 Foot Radius</td>
<td>A600R15RADA</td>
<td>39 lbs.</td>
<td>15</td>
<td>618 lbs.</td>
</tr>
<tr>
<td>15 Foot Radius-2</td>
<td>A600R15RADA2</td>
<td>28 lbs.</td>
<td>15</td>
<td>456 lbs.</td>
</tr>
</tbody>
</table>

In-Stock Wet Set Panels. Other sizes are available upon request.

Customer Service

Contact Armorcast Products Co. or an authorized Armorcast Distributor for more information on our products not shown in catalog or for technical assistance and capabilities.
SURFACE MOUNT PANEL SPECIFICATIONS

Surface Mount Panels are designed to retrofit existing or new construction areas that require detectable warning surfaces mandated by ADA. Retrofit Surface Mount Panels are flexible and beveled at the edges to conform with the concrete surface. Installation is quick and easy. Follow the recommended Armorcast instructions detailed on the Surface Mount Panel Installation page.

Product Features

- ADAAG Compliant
- Approved by most DOT’s
- 5 Year Manufacturer Warranty
- Extremely Durable
- Exceptional Strength
- Homogenous Colors
- Comes with Adhesive Tubes
- Easy to install

Surface Mount Panel Specifications

<table>
<thead>
<tr>
<th>SIZE W x L x D</th>
<th>PART NUMBER</th>
<th>PART WEIGHT</th>
<th>PALLET QTY.</th>
<th>PALLET WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>24&quot; x 36&quot; x 1/4&quot;</td>
<td>A6002436TADA</td>
<td>12 lbs.</td>
<td>20</td>
<td>380 lbs.</td>
</tr>
<tr>
<td>24&quot; x 48&quot; x 1/4&quot;</td>
<td>A6002448TADA</td>
<td>18 lbs.</td>
<td>20</td>
<td>483 lbs.</td>
</tr>
<tr>
<td>24&quot; x 60&quot; x 1/4&quot;</td>
<td>A6002460TADA</td>
<td>22 lbs.</td>
<td>20</td>
<td>605 lbs.</td>
</tr>
<tr>
<td>36&quot; x 48&quot; x 1/4&quot;</td>
<td>A6003648TADA</td>
<td>27 lbs.</td>
<td>20</td>
<td>724 lbs.</td>
</tr>
<tr>
<td>36&quot; x 60&quot; x 1/4&quot;</td>
<td>A6003660TADA</td>
<td>34 lbs.</td>
<td>20</td>
<td>794 lbs.</td>
</tr>
</tbody>
</table>

Adhesive Application Requirements (Adhesive Tubes Included)

- 1 Tube for 2’ x 3’
- 2 Tubes for 2’ x 4’ and 2’ x 5’
- 3 Tubes for 3’ x 4’ and 3’ x 5’

Recommended Adhesive/Sealant

- As supplied by Armorcast Products Company
- High strength bonding, permanently flexible, polyurethane adhesive.

Armorcast Surface Mount Panels are Flexible and Contours to Concrete. Anchoring is not necessary.
If anchoring is required we recommend:

- 1/4" x 1-1/4” 304 S.S. anchors.
- Manufacturers; Hilti, Powers or Simpson

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