

COLORADO DEPARTMENT OF TRANSPORTATION
PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No.

4528-19

Product Evaluation Coordinator
 Colorado Department of Transportation
 4670 North Holly Street, Unit A
 Denver, Colorado 80216

Material code:
604.04.02.00
 Material code description full name:
Vault, Non-Concrete

PART 1

Product name: A6001946HDAPCX12	Product category: Right-of-Way Structure\Utility Enclosure\N/A
Product Representative (name & address): Attn: Wally Sunnaa Armorcast Products Company 9140 Lurline Avenue Chatsworth, California 91311 Phone: (818) 982-3600 E-mail: eng@armorcastprod.com	Manufacturer (name & address): Attn: Wally Sunnaa Armorcast Products Company 9140 Lurline Avenue Chatsworth, California 91311 Phone: (818) 982-3600 E-mail: eng@armorcastprod.com
Web-site address: www.armorcastprod.com	Web-site address: www.armorcastprod.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
 The A6001946HDAPCX12 polymer concrete box and polymer concrete cover assembly is an at-grade utility enclosure. It consists of a polymer concrete box and polymer concrete cover. Its dimensions are: 13" wide X 24" long X 12" deep. Polymer concrete is a filled or extended plastic resin binder system having a structural fiber reinforcement for strength and durability. The assembly weighs approximately 91 pounds (Box approximately 50 pounds, cover approximately 41 pounds). The A6001946HDAPCX12 is ANSI/SCTE 77 Tier 22 load rated. It has superior weathering resistance (Per ANSI/SCTE 77 2013 specifications Section 6) and excellent chemical resistance (Per ANSI/SCTE 77 2013 specifications Section 6).

Restrictions, (installation and/or use):
 The A6001946HDAPCX12 is not for use in the street or in the highway, it is for incidental or non-deliberate traffic areas only.

Use of the product, (be specific to CDOT highway activities only):
 The A6001946HDAPCX12 houses fiber optic cable, splice boxes, or electrical equipment.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):
 Quality will improve because Armorcast makes a highly-engineered and time-tested product. This is due to the expertise Armorcast has gained by making polymer concrete products for nearly 50 years, and, CDOT will save money because Armorcast enclosures are extremely durable thereby eliminating short term repair and replacement costs. Armorcast strives to keep costs low so we can remain very competitively priced. We have several facilities totaling nearly 400,000 square feet of manufacturing space so we can manage large quantity orders or complex orders while boasting industry-leading delivery times, and, Armorcast enclosures are manufactured in the United States of America.

- Specifications:** (listing those applicable is required)
- CDOT : Standard Specifications for Road and Bridge Const. (2017) 715.06 Conduit / Standard Plan No. S-614-42 and S-614-43
 - ASTM :
 - AASHTO:
 - FHWA :
 - other : ANSI/SCTE 77 2013

Certificate of Compliance (COC) provided Certificate of Verification (COV) provided for select categories ONLY

Product Testing: (National/independent laboratories or universities with Report Date.) **Certified Test Report (CTR)** provided to validate all claims.

- NTPEP-AASHTO:
- FHWA :
- other : UL (03/21/2017)
- other :
- other :

State DOT Approvals, (current documentation required): **NM, TX, AZ, MN, FL, OH** Expiration Date **5 Years / 03-20-2024**

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:
 Additional Comments:
 A sample is available upon request at no cost to the DOT or customer.