COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3435-12

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

Material code: 707.12.01.00 || 712.13.02.00

Material code description full name: Pipe, Repair, Lining || Pipe, Plastic, Corrugated

FOR INTERNAL CDOT USE

PART 1

Product name: HOBAS CCFRPM

Product category: Drain.\Culvert Pipe\Culvert Lining [Repair] || Open-Cut/Direct-Bury

Product representative (name & address):
Attn: Kim Paggioli
HOBAS PIPE USA
1413 E. Richey Road
Houston, TX 77073
Phone: (281) 821-2200 FAX: (281) 821-7715

Manufacturer (name & address):
Attn:
HOBAS PIPE USA
1413 E. Richey Road
Houston, TX 77073
Phone: (281) 821-2200 FAX: (281) 821-7715

Web-site address: www.hobaspipe.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
HOBAS CCFRPM (centrifugally cast, fiberglass reinforced, polymer mortar) pipe is designed for drainage, water and sewer applications. It is manufactured in diameters from 18 inches to 110 inches.

Restrictions, (installation and/or use):
N/A

Use of the product, (be specific to CDOT highway activities only):
Storm sewer pipe that can be used in two applications: culvert lining repair and in open-cut direct bury.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
The centrifugally cast, fiberglass-reinforced, polymer mortar pipe is inherently corrosion resistant and has a life expectancy of 100 years or more to deliver the lowest life cycle cost. Contractors prefer its leak-free, push-together joints and standard 20-foot pipe sections that reduce installation time and costs.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☒ ASTM : D 3262
- ☐ AASHTO :
- ☐ FHWA :
- ☐ other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : Stork Materials Technology (4-15-2011), (7-28-2010), (7-30-2010), (4-29-2010), (7-28-2010), (6-11-2010)
- ☒ other : Stork Materials Technology (6-23-2010), (5-24-2010), (5-21-2010), (9-11-2010), (9-11-2010), (9-11-2010)

State DOT Approvals, (current documentation required):

Sample submitted: ☒ yes ☐ no ☐ n/a | Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments
The following State DOTs have accepted HOBAS Pipe on a project specific basis: California, Georgia, Louisiana, North Carolina, Texas.