

Product Evaluation

RE: Review of A2 Liner Pipe

PRODUCT

The A2 Liner Pipe is manufactured by CONTECH Construction Products Ltd located in Wheat Ridge, Colorado and distributed by Armtec Limited Partnership located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

The A2 Liner Pipe uses proven trench-less installation methods to slipline existing culverts without the disruptions associated with open trenching. Relining with A2 Liner Pipe eliminates costly bypass operations as water flow is maintained during the lining process. Product Web link: http://www.contech-cpi.com/drainage/products_materials/pvc_abs/a2_linerpipe/169

DESCRIPTION:

The A2 Liner Pipe is manufactured exclusively from low fill, cell class 12454 PVC compound. Its double wall design provides extra stiffness for improved shape control during installation and grouting. A2 Liner Pipe provides excellent durability and resistance to abrasion and corrosive attack.

POTENTIAL USAGE:

A2 Liner Pipe design features make it a good choice for relining distressed culverts. The corrugated exterior design provides high strength and high stiffness without the additional weight of solid wall pipe alternatives.

STANDARDS:

ASTM F949, D3212, D1784, D2412, F477 and D2122

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has many years of experience with the use of plastic pipe liners for rehabilitating metal culverts. This product is similar to the Weholite pipe used on many Alberta Transportation projects.

APPLICATION STANDARDS:

The Alberta Transportation specification for PVC culvert materials is as per the following:
Specification 5.17, Supply of PVC Pipe

RECOMMENDATIONS:

This product is recommended to be placed on the Alberta Transportation Products List as a Potential Product, Culverts, Plastic Pipe – Polyvinyl Chloride - Proprietary. Final acceptance of this product will be based on field performance.

Trial Projects

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow