

Product Evaluation

RE: Review of Enkadrain

PRODUCT

Enkadrain is manufactured by Colbond Building Products located in Arnhem, Netherlands and distributed by GPEC-Green Patch Environmental Consulting Ltd located in Edmonton.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Enkadrain is economical and environmentally friendly options at anytime for the French drain and aggregate drains. Enkadrain features excellent durability; protects waterproofing during and after backfill; second fabric eliminates need for protection board; conforms to irregular surfaces and corners; continuous flow. Product web link: <http://www.colbond-geosynthetics.com/cms/generated/pages/homepage/default.htm>

DESCRIPTION:

Enkadrain drainage composite consists of a post- industrial recycled polypropylene drainage core of fused, entangled filaments and a geocomposite fabric bonded to each side. The entangled filaments are molded into a square waffle pattern that maintains the flexible design.

POTENTIAL USAGE:

Enkadrain is recommended for foundation walls, green roofs, plaza decks, retaining walls and beneath slabs. Suitable for use as an alternative to a conventional French drain.

STANDARDS:

Enkadrain is tested to ASTM standards

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation does not have experience with this product.

APPLICATION STANDARDS:

Alberta Transportation does not have a standard for strip drain.

RECOMMENDATIONS:

Enkadrain be listed as a Potential Product under Alberta Transportation Products List, Drainage Systems – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Joe Filice

cc Innovation Evaluation Group – Abid Malik
Roger Skirrow