

Product Evaluation

RE: Review of GeoLite Asfalto (Pothole Repair)

PRODUCT

GeoLite Asfalto is manufactured by Kerakoll located in Sassuolo, Italy and distributed by Eco Supply Canada located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

GeoLite Asfalto is a geo-mortar ideal for those applications that must be ready for use quickly, such as industrial and airport flooring, pavements and to anchor and fix traps and drains, manholes, fences, sign posts and safety barriers. Product Web Link:
http://products.kerakoll.com/catalogo_dett.asp?idp=6978

DESCRIPTION

GeoLite Asfalto is a certified, eco-friendly mineral geo-mortar with a crystalline reaction geo-binder base, in black, specific for road applications. GeoLite Asfalto has very low petrochemical polymer content, free from organic fibers.

POTENTIAL USAGE

GeoLite Asfalto must be used quickly as the pot life is 30 minutes. The temperature range for application is a low of 5°C to a high of 40°C. The city of Edmonton has concluded a field test using the GeoLite Asfalto product and is currently being evaluated. GeoLite Asfalto can be used in cold weather conditions by adding up to 4% calcium to the mixture.

STANDARDS

None provided

ALBERTA TRANSPORTATION COMMENTS

EXPIERENCE

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS

The Alberta Transportation Specification 53.10, Asphalt Pavement Pothole Patching.

RECOMMENDATIONS

GeoLite Asfalto be listed as a Trial Product under Alberta Transportation Products List, Asphalt Pavement Patching – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

Caveat:

Only to be used for asphalt pothole repairs, not for concrete pavements and bridge decks

TRIAL PROJECTS

City of Edmonton; Hwy 16 and Hwy 41 Interchange (2019)

Rishi Adhikari

cc Innovation Evaluation Group – Roger Skirrow
Wayne Mah, Junaid Iqbal