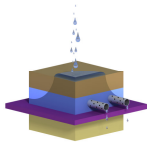




Trisoplast Mineral Liners International BV (soil protection)

Construction of Kuching Integrated Waste Management Park in Mambong, Malaysia

TRISOPLAST
MINERAL LINERS



Trisoplast Mineral Liners is a young, rapidly growing company in environmental protection, structural waterproofing and landscaping. Its highly effective and durable mineral barrier called Trisoplast® has become the preferred liner for landfill applications in an increasing number of countries. Additionally, it is being used frequently in the fields of remediation, infrastructure and construction, industry, and landscaping projects. Besides its regular use for water insulation, Trisoplast applications include industrial sites, tank parks, environmental facilities, dredging spoil depots, reservoirs, contaminated soil, waterways, irrigation, dams and ponds. Trisoplast Mineral Liners International BV is member of the Van den Biggelaar Groep, a company with 150 staff and an annual turnover of EUR 70 million.

In 2004 the Kuching Integrated Waste Management Park was opened in Sarawak, Malaysia's largest state. The plant, sprawling over 112 hectares and owned by Trienekens Sarawak Sdn. Bhd., is one of the most advanced waste treatment parks in Southeast Asia. It is the only waste management park in the region to combine municipal and hazardous waste landfills with an incinerator for hazardous waste. As the Kuching area receives plenty of rainfall (up to 5 meters annually), measures had to be taken to ensure that leachate water would not enter the environment. The engineers involved in the project chose Trisoplast as the main sealing material for the municipal waste landfills as well as for the hazardous waste landfills, due to its high impermeability and ease of installation. So far 45.000 m² of the landfill have been covered with Trisoplast. Leachate water is collected through an extensive system of pipes embedded in the numerous protective and filtering layers, and lead to collectors where it is treated to the required standard prior to being discharged into the environment. The issue of gas production caused by decomposing waste materials was solved by installing a tubing system to safely remove these gases.

Sustainability gains

The Kuching landfill has without a doubt been provided with the highest possible level of environmental protection.

Future export potential

Considering the increasing awareness of and need for environmental protection, the demand for effective sealing systems with high lifetime expectancy will without a doubt experience further growth. Trisoplast Mineral Liners International BV works together with local partners in several countries.

More information

Ms. Christel Bockting, Marketing & Communications

+31 (0)418 636 030

c.bockting@trisoplast.nl

www.trisoplast.nl

www.hollandtrade.com is managed by the EVD, Agency for International Business and Cooperation, a division of the Dutch Ministry of Economic Affairs

