

Liner Project report

Attero B.V. 2010



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Cofra Liners

The HDPE processed by Cofra meets the requirements which are outlined in the BRL-K 538/01: 'Assessment sealing liners of high density polyethylene (HDPE) without reinforcement'. With this the material has not only been qualified for normal underground application, but can also be used as a cover material which will be exposed to UV-rays. The HDPE is made of high density polyethylene (HDPE) containing carbon black, antioxidants and stabilizers.

Quality

Securing our activities on the work-site is essential in order to ensure our clients of a quality installed liner. To this end Cofra has been certified by Kiwa according to the most recent ISO standard, ISO 9001 version 2000. Additionally, Cofra has been certified by Kiwa based on BRL K537. These certificates guarantee a high level of quality in the processing of the liner.

The projects

In 2010 Cofra was granted 4 landfill capping projects for Attero BV. The projects were:

- Stortplaats Armhoede fase 2
- Stortplaats Gulbergen fase 7
- Stortplaats VAM Wijster part 1Ab and Slope 3.4
- Stortplaats Zevenbergen fase 2.1 and 2.2

At all these projects Cofra has used HDPE liner from GSE lining technology GmbH. The liners used were GSE HD 2.0 mm smooth and GSE HD 2.0 mm Friction Flex (textured liner). These liners are BRL-K 538 certified.



Armhoede fase 2

Stortplaats Armhoede is located at Lochem, The Netherlands. The project started at the end of April 2010 and was finished at the end of May 2010 with a small fase at the end of June. Cofra installed 23,500 m² HDPE 2.0 mm Friction Flex and 27,000 m² HDPE 2.0 mm smooth.

Gulbergen fase 7

Stortplaats Gulbergen is located at Nuenen, The Netherlands. The project started at the end of May 2010 and was finished at the beginning of July 2011. Cofra installed 20,000 m² HDPE 2.0 mm Friction Flex and 59,800 m² HDPE 2.0 mm smooth. At this site Cofra has also installed 79,800 m² of GSE Fabrinet HF-E B120 drainage mats.

VAM Wijster part 1Ab and Slope 3.4

Stortplaats VAM Wijster is located at Wijster, The Netherlands. The project started halfway July 2010 and was finished at the beginning of September 2010. Cofra installed 60,800 m² HDPE 2.0 mm Friction Flex.

Zevenbergen fase 3.1 and 3.2

Stortplaats Zevenbergen is located at Zevenbergen, The Netherlands. The project started at halfway September 2010 and was finished at the beginning of October 2010. Cofra installed 19,200 m² HDPE 2.0 mm Friction Flex and 37,800 m² HDPE 2.0 mm smooth.

