

Liner



Project report

Projects Essent Milieu B.V. 2009

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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 2009 Cofra was granted 5 landfill capping projects for Essent Milieu BV. The projects were:

- Stortplaats Zevenbergen fase 2.1 and 2.2
- Stortplaats Spinder compartiment II
- Stortplaats Armhoede fase 1
- Stortplaats Gulbergen fase 6
- Stortplaats VAM Wijster part 1Aa and 1Ab

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.

Zevenbergen fase 2.1 and 2.2

Stortplaats Zevenbergen is located at Zevenbergen, The Netherlands. The project started at the end of March 2009 and was finished at the beginning of May 2009. Cofra installed 19,800 m² HDPE 2.0 mm Friction Flex and 37,000 m² HDPE 2.0 mm smooth.

Spinder compartiment II

Stortplaats Spinder is located at Tilburg, The Netherlands. The project started at the beginning of June 2009 and was finished at the beginning of July 2009. Cofra installed 75,000 m² GSE- HD 2.0 mm smooth.

Armhoede fase 1

Stortplaats Armhoede is located at Lochem, The Netherlands. The project started at the beginning of June 2009 and was finished at the beginning of July 2009. Cofra installed 62,000 m² HDPE 2.0 mm Friction Flex and 4,000 m² HDPE 2.0 mm smooth.

Gulbergen fase 6

Stortplaats Gulbergen is located at Nuenen, The Netherlands. The project started at the end of August 2009 and was finished at the end of September 2009. Cofra installed 36,000 m² HDPE 2.0 mm Friction Flex and 39,000 m² HDPE 2.0 mm smooth. At this site Cofra has also installed 78,200 m² of GSE Fabrinet HF-E B120 drainage mats.

VAM Wijster part 1Aa and 1Ab

Stortplaats VAM Wijster is located at Wijster, The Netherlands. The project started at the end of August 2009 and was finished halfway October 2009. Cofra installed 60,000 m² HDPE 2.0 mm Friction Flex.

