



HEALTHY AND SUSTAINABLE SCHOOL, HENGELO (NL)

PROJECT

Berflo Es is one of the most innovative schools when considering sustainability. It is called the school of the future. With a total area of approx. 5,300 m² the school is the multifunctional centre of residential district. The building houses 3 primary schools, childcare, a centre for youth and families and a care facility.

OUR SOLUTION

The demand for sustainability in this area was extremely high. As a result the school is characterised by sustainable architectural solutions. Our EPDM systems meet these demands perfectly as they are outstanding on sustainability and have a long life span in comparison to other roofing materials.

The EPDM systems manufactured by HERTALAN[®] are ecologically compatible, do not leach and have a service life of more than 50 years (SKZ 2001). As a result of all these unique properties our EPDM systems have been awarded with environmental accreditation and certification. These means that our EPDM systems have a very low environmental impact throughout their life-cycle.

This HERTALAN[®] EPDM system was installed by one of our Approved Roofing Partners. Consequently the installation was in good hands, because Roofing Partners are intensively trained by HERTALAN[®] and are well versed with our products and installation techniques.

BUILDING OWNER

MUNICIPALTY HENGELO

ARCHITECT

SPRING ARCHITECTS ROTTERDAM

CONTRACTOR

GOOSEN TE PAS

ROOFING PARTNER

APPROVED ROOFING PARTNER -
LÖWIK DAKTECHNIEK



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OUR SYSTEM

The building is built according to the Passive House technology. The proposed standards go much further than usual. The whole building is designed to be air-tight and has a Rc value of 10.

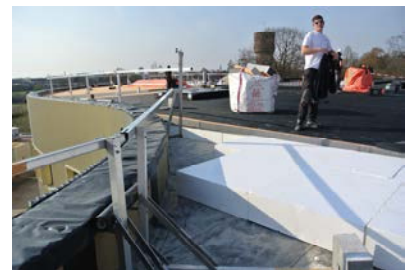
The sustainable nature of the building has also influenced the choice in the construction materials. *hertalan*[®] easy cover has been chosen as the waterproofing layer and is fully adhered to the roof surface. The main consideration for this application was the durability of our HERTALAN[®] EPDM roofing systems. This proven durability has a useful service life of fifty years.

Our EPDM is fully ecologically compatible, does not leach, has an extremely long life and a low environmental impact throughout its life-cycle. It is not surprising that HERTALAN[®] EPDM roofing systems have been awarded with environmental accreditation and certification. This award is a valuable recognition of all the systems sustainable features.

hertalan[®] easy cover is a roofing membrane system. Due to our special hot-bonding technique we are able to link homogeneous EPDM strips to each other. As a result of this almost every single roof can be completely covered with our made to measure membranes in one step.

Besides this, working with our membrane systems has a lot of advantages. *hertalan*[®] easy cover is instantly installed as a complete sheet without the need to make any seams during the installation.

Working with *hertalan*[®] easy cover made to measure membranes leads to less detailing on the roof, which makes each roof structure water-proof more quickly, safely and effectively.



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