

# GEO-PROTECTION – Sustainable sealing

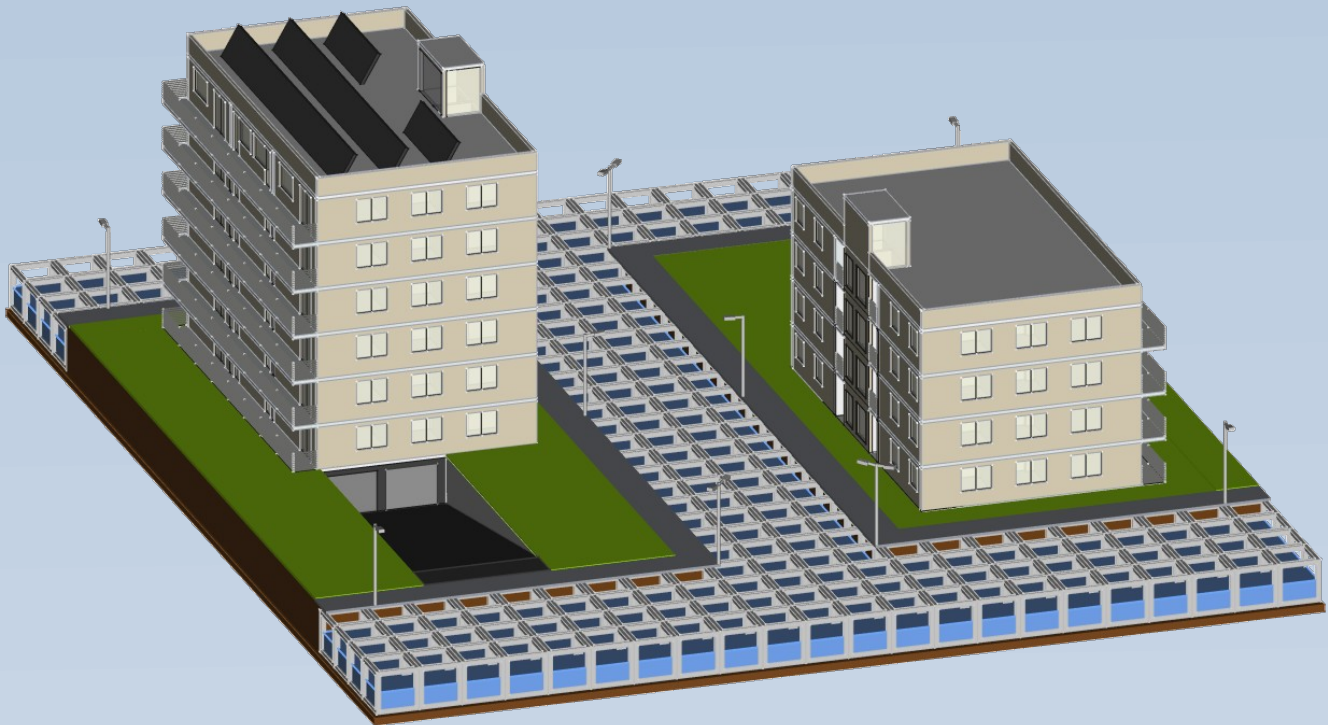
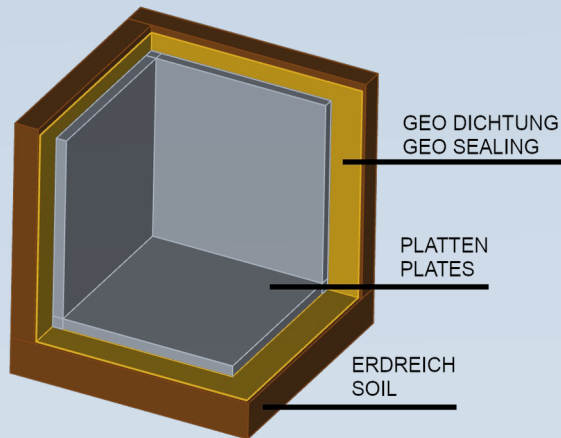


Figure 1: JUMBO BLOCK road retention



The excavation for the JUMBO BLOCK SYSTEM can be used, among other things, to create protective walls and dams.

In this way, areas on the water side and on the endangered side can be effectively protected.

For sealing purposes, we recommend modern and environmentally friendly geo-building materials made from geotextile composites with clay minerals for both measures.

Figure 2:  
Principle of geo-building material sealing for JUMBO BLOCK

## Advantages of geo-building materials

### 1. Environmentally friendly

Geo-building materials meet the highest standards, are environmentally friendly and contribute to sustainable development.

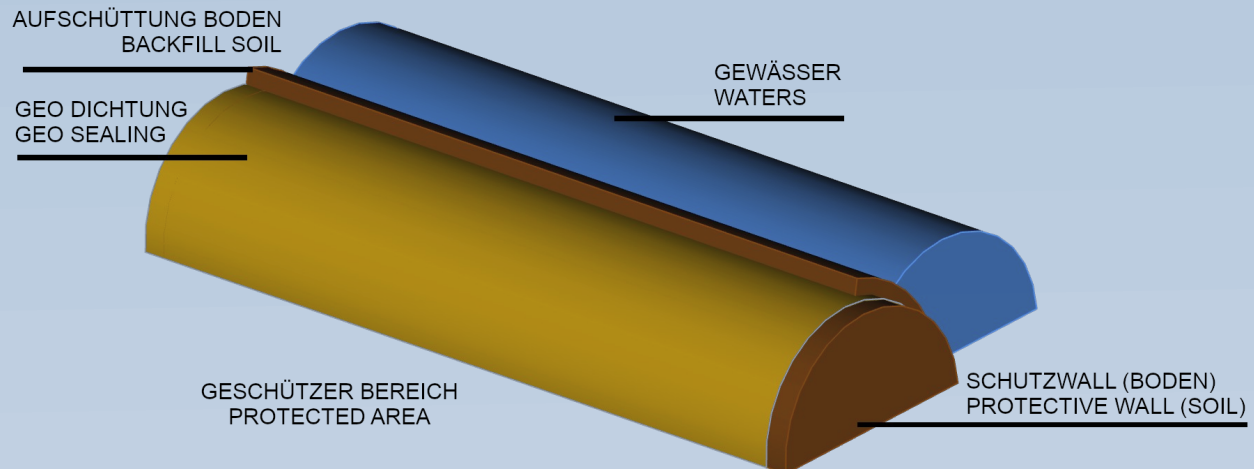


Figure 3: Securing dams with geo-building materials

## 2. Fast and long-lasting sealing

Geo-building materials provide a reliable and long-lasting waterproofing solution for various applications. The high swelling capacity of geo-building materials results in a secure and quick sealing effect. This means that sealing surfaces remain securely sealed even in the event of mechanical damage. In this case one speaks of a self-healing process.

## 3. Versatile applications

Ideal for dams, ponds, water reservoirs, JUMBO BLOCK rain retention systems, landfill construction and more. Geo-building materials adapt flexibly to requirements.

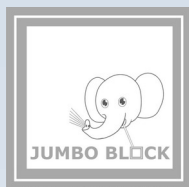
## 4. Efficient erosion control

Geo-building materials not only protect sealing surfaces from soil erosion. They also maintain the structural integrity of a surface.

## 5. Customized solutions

Geo-building materials enable tailor-made and flexible solutions.

Please contact us for sustainable sealing solutions!



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