

Challenge: Contamination on Construction Sites

How does oil and gasoline get into the ground?

- Leakage from oil sumps
- Leaking hoses and connections
- Refuelling of construction machinery on construction sites
- Oil changes on machinery
- Lubricating vehicle components
- Temporary storage of contaminated aggregates

What are the consequences?

- Cost intensive removal of contaminated soil
- Time lost from the construction process
- Expensive safeguards after working hours
- Supervision of operations required
- Increased insurance premiums

What measures are required to control water pollution on construction sites?

- Refuelling should only take place on sealed surfaces or outside the protection zone/construction site
- Construction vehicles must be parked outside protection zones at night
- Vehicles and machinery must be parked on sealed surfaces (asphalt, concrete or membrane) incl. slopes
- On-site supply of sufficient quantities of oil binders
- Immediate removal and disposal of contaminated soil



HUESKER solution:

Tektoseal Active AS – Flexible Oil Absorption on Construction Sites



Top layer

Robust Polypropylene nonwoven.

Active layer

Oil absorbing polymer whose structure and surface characteristics have been particularly designed for the separation of oil and water.

Bottom layer

Robust Polypropylene nonwoven.

Tektoseal Active AS	
Function	Oil absorption
Contaminants	Oil, gasoline, kerosene etc.
Oil binding capacity per m ²	Tektoseal Active AS 200 : > 3,0 ltr Tektoseal Active AS 400 : > 7,0 ltr
Oil release under load	0% at 0.1 bar load
Certification	Official oil binder in Germany (LTWS)

Advantages on construction sites

- High mechanical strength, durable oil absorbent
- Easy to store on site in containers (small rolls)
- Complete absorption of oil, even on soft ground
- Easy to install and remove
- Easy to cut to size in situ
- Certified oil binder in Germany

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