

Car Park

AIRBUS Bremen

A SOFTBETON® - Project



Conditions on Site

Soil conditions:

- Intact but contaminated surface
- Swampy after rain
- Instabile ground



Construction Details

- 25 cm / 9.5 Inches SOFTBETON[®]
- 5 cm / 2 Inches asphalt backfilling
- 5 cm / 2 Inches asphalt
- Geo textile base layer



Construction Details

SOFTBETON[®] properties per m³

- 35 % Water
- 64 % Cement
- < 1 % Polypropylen fiber
- < 1 % Foaming Agent

- Compression strength: 3.5 N / mm²
- Weight (metric tons per m³): 0.5 t



Construction Details

Project Schedule:

Site preparation	0.5 days
Drainage construction	1.5 days
SOFTBETON [®] layer	2.0 days
Backfilling & asphalt	1.0 day
Finishing touch / marking	<u>1.0 day</u>
Total	6.0 days

The project was finished within the allotted time frame.



Construction Site – Removal of surface layer in progress



Construction Site – Construction of the drainage system



Construction Site – The mobile pump



Construction Site – 4 hours later



Construction Site – The same day, visible steps but the material is carrying the workers weight



Construction Site – another 6 hours after that



Construction Site – The next morning, perfect surface, no cracks



Construction Site – Adding gravel / asphalt backfilling



Construction Site – Application of the asphalt layer



Construction Site – done!



SOFTBETON[®]

The Alternative

