

## PROJECT:

### Flooring at Electrical Substation, Abu Dhabi, U.A.E.

Project Information	
<b>Client</b>	: ADDC
<b>Location</b>	: Baniyas area, Abu Dhabi, U.A.E.
<b>Applicator</b>	: Civiltech General Contracting Company
<b>Contractor</b>	: Lindenberg-Emirates LLC
<b>Products</b>	: Corrobond SBR Corrofloor CFS 40
<b>Area</b>	: 2 x 150 m <sup>2</sup>
<b>Area of application</b>	: Flooring in electrical substation
<b>Year of application</b>	: 2016

#### Project Description:

Newly applied concrete screed on pathways in electrical substation was rejected by the consultant due to large scale imperfections. Corrotech was approached by the specialist flooring contractor to provide a flooring solution to the rejected screed. Bearing in mind that the customer had already lost both money and time, Corrotech offered **Corrofloor CFS 40** as an economical and time saving solution.

**Corrofloor CFS 40** is a consistent, durable, easy to apply cement based screed that is to be applied over structural concrete to provide a leveled finish.

Application took place in three phases:

- 1) After removing the rejected screed, the area was cleaned from all dust, loose parts and debris. The structural concrete to be covered by the new screed was prepared with jack-hammer to provide a mechanical key for the screed. The surface was then soaked with water.
- 2) **Corrobond SBR** was then applied as a primer to enhance bonding between old structural concrete and the new screed to be laid. Overcoating of the primer can be started after primer becomes tacky.
- 3) **Corrofloor CFS 40** screed was then applied at a thickness of 15 - 30 mm depending on a substrate profile level to be achieved.

#### Conclusion:

Both the contractor and client were extremely happy with the solution provided, being economical and easy to apply in a short time space.

