

PROJECT:

Flooring for the factory warehouse applied over steel fabricated checker plates, Oman

Project Information	
Client	: Ali Shahini Group of Industries
Location	: Muscat, Oman
Applicator	: Al Qadeem LLC
Products	: Corroclean Corromortar ESC Corroprime 30S Corrofloor SB140
Area	: 275 m ²
Area of application	: Dry food items store
Year of application	: 2016

Project Description:

Food manufacturing company needed an efficient flooring solution for its 275 m² dry food items store. The warehouse is newly built with floors made of uncoated steel fabricated checker plates. Customer was looking for plates coating solution with high wear and tear resistance.

Corrofloor SB140 is a solvent based epoxy floor and wall coating, suitable for both concrete and metal substrates applications and as such was suggested to the customer. Al do economical, offers durable solution, with good abrasion and chemical resistance.

Application took place in four phases:

- 1) Steel plates substrate was grinded to get cleanliness and profile needed for successful coating bonding. After that the whole surface was cleaned and degreased by **Corroclean** cleaning solvent.
- 2) **Corromortar ESC** was used for filling and smoothing the plates joint gaps and corrections of all surface imperfections.
- 3) **Corroprime 30S** was applied to the prepared surface to enhance the bonding between the substrate and the subsequent flooring epoxy
- 4) **Corrofloor SB140** was then applied by brush in two coats.

Conclusion:

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

