



Highlights

YEAR:

2007

PROJECT:

1. TASNEE (Ethylene Plant)

DESCRIPTION:

Petrochemical industry. Water cooling tower, concrete and waste water pits.

- The project specification for the concrete structures originally required a 3000µm thickness coating system. Sigma's cost saving specification of 1500µm based on solvent free products was approved due to its chemical and seawater resistance, track record, excellent barrier properties and lack of shrinkage and solvent vapour after application.
- The total sea water cooling water structure was abrasive blasted and primed by spray applying SigmaCover 211. In a massive operation SigmaGuard 1091 was manually applied by trowel to fill all blow-holes and cracks and to achieve an even surface for the 2-3 coats of single feed airless spray applied SigmaGuard CSF 650.
- Besides the main cooling tower some drainage pits were also coated with the same system. In small areas SigmaGuard 720 was (partly) manually applied instead of SigmaGuard CSF 650.
- Sigma Paints also supplied SigmaLine 2000 for burried pipes, heat resistant coatings and coatings for structural steel on this project.

OWNER:

1. TASNEE

LOCATION / COUNTRY:

Jubail - K.S.A

SIZE (Sqm):

60,000 m²

CONTRACTOR:

1. Samsung
2. Nassr Al Hajri

CONSULTING FIRM:

Samsung

COATING SYSTEM:

7406 Sigmacover 211 - 7491 Sigmaguard 1091 - 7443 Sigmaguard CSF 650 - 7524 Sigmadur 520

