GAD tank lining
Case study 2015

Background
An Interplan® inspection carried out at CCPP Power plant on August 2015. Design failures observed between tank roof internal steel supports and roof plates as seen in photos.

The solution
It was reported about problem and issue on the roof support construction of the tank. There are gaps between support structures and roof plates, which were not possible to properly fill with coatings. These gaps may lead to premature coatings failure due to crevice corrosion. To prevent such case we would like to advise Intercrete tape application, below system;

Surface preparation: SSPC SP11 – corroded areas (roughening with coarse sand papers on to Interline 975 applied surfaces).

MR system: Intergard® 821 to fill gaps between supports and roof plates.

For tape application: Intercrete 4840 epoxy copolymer primer.
Intercrete 4872 tape.
Intercrete 4842 polymer modified elastomeric cementious coating.

Corrosion risk of design failure were taken under control by coating with Intercrete 4872 tape system. Customer and applicator were satisfied about application and technical trainee of Intercrete 4872 tape sealing system.

Focus products: Intercrete® 4872 and Interline® 975
Location: Turkey
Project owner: CCPP II
Applicator: Uyarlar Paint & Blasting
ISO12944 environment: C5
Project size: 2,000m²