

BELZONA STOPS ROOF LEAKS AND PROVIDES LONG-TERM PROTECTION

ID: 10211

Industry: Oil & Gas

Customer Location: Bontang, Indonesia

Application: RPA-Roof Problem Areas

Application Date: December 2025

Substrate: Other

Products: Belzona 3111 (Flexible Membrane), Belzona 3911 (PSC Surface Conditioner), Accessories

Problem

Roof leakage was identified on a highly critical facility.



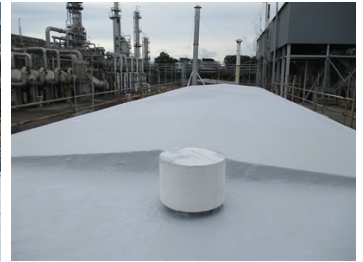
Surface cleaning was carried out to prevent contamination.



Belzona 3911 (PSC Surface Conditioner) was applied.



Application of Belzona 3111 (Flexible Membrane) in conjunction with Belzona 9311 (Reinforcement Sheet).



Finished appearance following the application of Belzona 3111 (Flexible Membrane).

Application Situation

The scope of work was carried out on the roof of the Satellite Instrument Building, located in an oil and gas (O&G) processing plant. The roof is made of aluminum sheets coated with a thick layer of asphalt. The total surface area to be coated is 120 square meters.

Application Method

The application was carried out in accordance with the Belzona RPA-1 Knowledge System Leaflet.

1. The process began with preparation of the roof surface, which was cleaned using a detergent and then rinsed with running water until it was completely clean and free from contamination.
2. Once the surface was clean and dry, Belzona 3911 (PSC Surface Conditioner) was applied.
3. Subsequently, the Belzona 3111 (Flexible Membrane) system was installed, incorporating Belzona 9311 (Reinforcement Sheet) with a 3 cm overlap to ensure proper reinforcement.

Belzona Facts

Several repair attempts had previously been carried out using alternative products; however, the leakage persisted. Therefore, Belzona 3111 (Flexible Membrane) was selected due to its waterproofing properties, ease of application, and proven long-term performance.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com


BELZONA
Repair • Protect • Improve