

Upper Zakum Z750 project

ZADCO

Version 30/3/2021



InterDam designed and supplied

Over 250 doorunits and 60 window units, with blast ratings varying from 30 mbar to 447 mbar and different fire ratings like A60, H60, H120 and jet fire resistance. The following international contractors have been provided with InterDam's architectural items for their modular buildings: Bomesc China, Trimo Slovenia, Siemens Singapore and Primiceri Italy.

Project description

The UZ750 project is one of the major offshore field development projects in the United Arab Emirates. The Zakum Project Development (ZADCO) mandate was to develop the Upper Zakum field on behalf of ADNOC and aimed to increase production from 550.000 to 750.000 barrels of oil per day. UZ750 is located 80 km off the coast of Abu Dhabi, and is being constructed on artificial islands. The construction of the accommodation and support facilities for the artificial island was executed by

Habtoor Leighton Group and InterDam provided them with fire and blast rated doors. Moreover several other contractors reached out to InterDam for support in passive fire and blast protection and this resulted in a larger scope of supply.

Project challenges

High demands in fire and blast resistance and challenging environmental (especially sandy semi-offshore) conditions required heavy duty and high performing external door- and window units.

InterDam solutions

The challenges were analysed and standard solutions were selected and modified to suit the extra requirements. See the top two pictures above for the results of the removable panels including double hinged doors specifically designed for the UZ750 project. Single hinged doors of various sizes and blast/fire requirements have also been supplied for the modular buildings.



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