

# Offshore Architectural Materials



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The following 4 specific product groups within offshore structural materials offer manufacturing opportunities in the UAE:

Fire Insulation (Mineral Wool)

Fireproof Divisions (Walls, Floors & Ceilings)

Fire Rated Doors & Windows

Fireproof Hardware (Doors & Windows)

# Offshore Architectural Materials

Fire Insulation (Mineral Wool)



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## Overview

Opportunities to manufacture marine & offshore passive fire protection thermal insulation (mineral wool) in the UAE:



### Opportunity

- Limited local manufacturing within UAE.
- Key component for passive fire protection in offshore accommodation modules and equipment enclosures.
- Wide range of applications across ADNOC Group



### Applications

- Oil, Gas & Building Construction Sectors
- Upstream / Downstream
- Onshore (mainland/ islands) , Offshore Topside Platforms



### ADNOC Standards / Specifications requirements

- ADNOC Group Projects and Engineering: Architectural Design Basis Specification (AGES-SP-01-013 (Rev.1), and, Architectural Finishes and Furnishing Specification (AGES-SP-01-014\_Rev.1)
- ADNOC Offshore Technical Standards: Guideline for Architectural Engineering for Onshore/Offshore Buildings (A0-ENG-C-GDL-003 (Rev.0)
- SOLAS, ABS, NORSIK, GL, NFPA, API, BHMA,ASTM

# Offshore Architectural Materials

Fireproof Divisions (Walls, Floors & Ceilings)



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## Overview

Opportunities to manufacture marine & offshore classified fireproof divisions, classified fire rate bulkheads/walls, flooring & ceiling in the UAE:



### Opportunity

- Limited local manufacturing within UAE.
- Basis of fire and smoke separation in offshore built environment.
- Wide range of applications across ADNOC Group



### Applications

- Oil, Gas & Building Construction Sectors
- Upstream / Downstream
- Onshore (mainland/ islands) , Offshore Topside Platforms



### ADNOC Standards / Specifications

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# Offshore Architectural Materials

Fire Rated Doors & Windows



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## Overview

Opportunities to manufacture marine & offshore classified fireproof divisions-classified fire rated doors & windows assemblies in the UAE:



### Opportunity

- Limited local manufacturing within UAE.
- Essential for means of egress and fire containment during a fire emergency scenario.
- Wide range of applications across ADNOC Group



### Applications

- Oil, Gas & Building Construction Sectors
- Upstream / Downstream
- Onshore (mainland/ islands) , Offshore Topside Platforms



### ADNOC Standards / Specifications Requirements

- ADNOC Group Projects and Engineering: Architectural Design Basis Specification (AGES-SP-01-013 (Rev.1), and, Architectural Finishes and Furnishing Specification (AGES-SP-01-014\_Rev.1)
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# Offshore Architectural Materials

Fireproof Hardware (Doors & Windows)



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## Overview

Opportunities to manufacture marine & offshore classified fireproof divisions-fire rated doors hardware in the UAE:



### Opportunity

- Limited local manufacturing within UAE.
- Key component to secure the fire separation integrity of the assembly and facilitate the required efficiency for operating fire doors in normal and emergency situations.
- Wide range of applications across ADNOC Group



### Applications

- Oil, Gas & Building Construction Sectors
- Upstream / Downstream
- Onshore (mainland/ islands) , Offshore Topside Platforms



### ADNOC Standards / Specifications Requirements

- ADNOC Group Projects and Engineering: Architectural Design Basis Specification (AGES-SP-01-013 (Rev.1), and, Architectural Finishes and Furnishing Specification (AGES-SP-01-014\_Rev.1)
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