



Jotachar | JF750
mesh free

Selected References and Typical Case Histories





*Tested under the toughest
conditions, 350kw/m²
Jet Fire Test*

Jotachar

JF750
mesh free



Chosen for Passive Fire Protection projects across the globe

Jotachar, the first mesh-free epoxy Passive
Fire Protection for all jet fire scenarios,
provides rapid constructability and is
approved by leading Classification Societies

Mesh-free Jotachar wins
on time and cost savings

Reference List

| Project Name | Owner/ Operator | Type | Category | Areas applied | Yard/ Fabricator | Location | Completed |
|--|---------------------|--------------|----------|-----------------------------|----------------------------------|----------------------------|-----------|
| ENI Oil Centre Viggiano Refinery | ENI | HPI | Onshore | Structural Steelwork | On Site | Italy | Oct 2014 |
| Petron RMP2 | Daelim | HPI | Onshore | Underdeck FWLine (LPG Pier) | Acrced Builders & Supply Corp | Philippines | Jul 2014 |
| Diamond Offshore – Ocean Confidence – Grand Canary | Diamond Offshore | Drilling Rig | Offshore | LQ Structure | Astican | Los Pالمos Grand Canary | Nov 2014 |
| Structural Steelwork + Process Vessels Refinery | Petrobras | HPI | Onshore | Vessel | On Site | Brazil | Aug 2014 |
| P75 Topsides Modules | Petrobras | FPSO | Offshore | Topsides Modules | BJC | Thailand | Dec 2014 |
| P77 Topsides Modules | Petrobras | FPSO | Offshore | Topsides Modules | BJC | Thailand | Dec 2014 |
| P76 Topsides Modules | Petrobras | FPSO | Offshore | Topsides Modules | Tekfen | Turkey | Apr 2015 |
| P74 Topsides Modules | Petrobras | FPSO | Offshore | Topsides Modules | Aibel | Thailand | Dec 2014 |

| Project Name | Owner/ Operator | Type | Category | Areas applied | Yard/ Fabricator | Location | Completed |
|---|--------------------|----------------|----------|------------------------|---------------------------|-----------|----------------------|
| PPRP -1 Maintenance | Petrobras | FPSO | Offshore | PFP Maintenance | On Site | Brazil | Nov 2014 |
| RWE DEA Desouk Gas Refinery – Egypt Phase 1 | RWE DEA | HPI | Onshore | Structural Steelwork | Desouk Gas Refinery Plant | Egypt | Jan 2015 60,000kg |
| P76 Vessels | Petrobras | FPSO | Offshore | Vessels | Bardella | Brazil | Feb 2015 |
| P76 Topsides (Siemens) | Petrobras | FPSO | Offshore | Topsides Modules | Siemens, Batam | Indonesia | Mar 2015 |
| Statoil Mariner FSU | Statoil | FSU | Offshore | LQ's Fire Wall | SHI | Korea | May 2015 |
| Troll A | Statoil | Fixed Platform | Offshore | PFP | Aibel AS | Norway | Apr 2015 |
| Statoil Gulfaks B Platform | Statoil | Fixed Platform | Offshore | Maintenance | On Site | Norway | Mar 2015 |
| Statoil Gas Refinery at Karsto | Statoil | Refinery | Onshore | Pipe Rack & Structural | On Site | Norway | Ongoing |

Reference List

| Project Name | Owner/ Operator | Type | Category | Areas applied | Yard/ Fabricator | Location | Completed |
|-------------------------------------|--------------------|-------------|----------|---------------------------------|---------------------|--------------|--------------------------------|
| Suncor Forthills A6 Modules | Suncor | Module | Onshore | Vessels, Piperacks & Structural | SK E&C | Korea/Canada | Ongoing May 2015 – Dec 2017 |
| Pemex LPG Spheres – Veracruz Mexico | Pemex Gas | HPI | Onshore | Gas Scrubbers | On Site | Mexico | Ongoing |
| Vinh Tan IV Power Plant | EVN | Power Plant | Onshore | Boiler Steel Structure | Doosan HI | Vietnam | Aug 2015 |
| Golar LNG FSRU | Golar | FSRU | Offshore | Cargo Wall | SHI | Korea | Ongoing Jul 2015 |
| DCMI Power Plant | DCMI | Power Plant | Onshore | Bundle | On Site | Philippines | Ongoing |
| Alon Petroleum (USA) | Alon | Refinery | Onshore | Maintenance | On Site | USA | Ongoing |
| Boardwalk Refinery in Lake Charles | | Refinery | Onshore | Maintenance | On Site | USA | Ongoing |
| Ergon Refinery | Ergon | Refinery | Onshore | Maintenance | On Site | USA | Ongoing |

Jotachar | JF750 *mesh free*

Typical Case Histories

Case: Statoil Mariner FSU

Yard: SHI

Application period: 15 – 22 May 2015

Fire scenario: H60

Area :

Front wall of LQ
(1,010 m²)

| No. | Product | DFT |
|-----|----------------------|---------|
| 1st | Barrier – Grey | 60 µm |
| 2nd | Penguard Tiecoat 100 | 25 µm |
| 3rd | Jotachar JF750 | 12.9 mm |
| 4th | Jotacote Universal | 100 µm |
| 5th | Hardtop Optima | 60 µm |





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|----------------------------|---|
| Case: | Suncor Forthills A6 Modules |
| Application period: | May – Dec 2015 Korea (Yard: Songkang HI) Oct 2015 – Dec 2017 Canada (Site) |
| Fire scenario: | UL1709 (3 Hours)/J120 |

Area :
Vessels, Piperacks
and Structural
(50,000m²)

| No. | Product | DFT |
|-----|---------------------|---------|
| 1st | Penguard Express ZP | 50 µm |
| 2nd | Jotachar JF750 | 21.3 mm |

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the time saving solution



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|----------------------------|----------------------|
| Case: | Golar LNG FSRU |
| Yard: | SHI |
| Application period: | 25 – 26 July 2015 |
| Fire scenario: | H0/J30 Bulkheads/DNV |

Area :

No. 1 Cargo Hold
boundary
(300m²)

| No. | Product | DFT |
|-----|------------------------|--------|
| 1st | Jotacote Universal N10 | 75 µm |
| 2nd | Jotachar JF750 | 5.6 mm |
| 3rd | Jotacote Universal N10 | 75 µm |
| 4th | Hardtop A X K | 50 µm |





Case: P74/P75/P77 Topsides Modules

Application period: Aug – Dec 2014

Now installed in Brazil

Zero damage to JF750 during lifting / sea fastening / barge transportation from Thailand to Brazil

Fire scenario: H60

Area :
Topsides Modules
(3,600m²)

| Product | DFT |
|----------------|-------|
| Jotachar JF750 | 12 mm |

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|----------------------------|-------------------------------|
| Case: | P76 Topsides Modules (Turkey) |
| EPC: | Technip |
| Contractor: | Tefken Construction Company |
| Application period: | Dec 2014 – April 2015 |
| Fire scenario: | H60 |

Area :

M18 / 19
Pipe rack
(3,900 m²)

Product

Jotachar JF750

DFT

12.9 mm





Case: P76 vessels

Applicator: Bardella

Application period: Feb 2015

Fire scenario: H60

Area :
Vessels (4 EA)
(232m²)

| Product | DFT |
|----------------|-------|
| Jotachar JF750 | 12 mm |

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|----------------------------|-------------------------|
| Case: | P76 Topsides (Siemens) |
| EPC: | Technip |
| Applicator: | PT Singa Sindo / SR Eng |
| Application period: | March 2015 |
| Fire scenario: | H60 |

Area :

Topsides Modules
(1,600 m²)

| Product | DFT |
|----------------|------------|
| Jotachar JF750 | 12 mm |





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|----------------------------|---------------------|
| Case: | PPRP1 – Maintenance |
| Applicator: | SIFC |
| Application period: | Nov 2014 |

Area :
PFP Maintenance
(370 m²)

Product
Jotachar JF750

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|----------------------------|-----------------------------------|
| Case: | RWE DEA Desouk Gas Refinery Egypt |
| Consumption: | 60,000 kg of Jotachar JF750 |
| Application period: | July – December 2014 |
| Fire scenario: | UL1709 (1 Hour) |

Area :

Pipe Rack
(6,500m²)

| No. | Product | DFT |
|-----|-----------------|--------|
| 1st | Zinc Rich Epoxy | 50 µm |
| 2nd | Jotachar JF750 | 6.2 mm |
| 3rd | Polyurethane | 50 µm |





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|----------------------------|----------------------------------|
| Case: | ENI Oil Centre Viggiano Refinery |
| Application period: | August – October 2014 |
| Fire scenario: | H120 |

Area :
Pipe Rack & Tanks
(9,000 m²)

| Product | DFT |
|----------------|------------|
| Jotachar JF750 | 17.6 mm |

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Case: Statoil Gas Refinery at Karsto

Application: Repair with Jotachar JF750

Fire scenario: J20

Area :

Pipe Rack & Structural
(22,000 m²)

| No. | Product | DFT |
|-----|-----------------------|-------|
| 1st | Barrier | 50 µm |
| 2nd | Jotacote Universal Al | 30 µm |
| 3rd | Jotachar JF750 | 11 mm |
| 4th | Jotamastic Plus | 75 µm |
| 5th | Hardtop Optima | 75 µm |





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|----------------------------|---|
| Case: | Statoil Gulfaks B Platform |
| Contractor: | Beerenberg |
| Application: | Replace fire panels with Jotachar JF750 |
| Application period: | MARCH 2015 |
| Fire scenario: | H120 |

Area :
Fire Panel
(300m²)

| Product | DFT |
|----------------|------------|
| Jotachar JF750 | 17.6 mm |

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|----------------------------|--------------------------------|
| Case: | Statoil Troll A Platform |
| EPC: | Aibel AS |
| Contractor: | Kaefer Energy |
| Application period: | April 2015 |
| Fire scenario: | J30 with 350 kW/m ² |

Area :

PFP Maintenance
(80 m²)

Product

Jotachar JF750





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|----------------------------|--|
| Case: | Petron RMP2 (Daelim) |
| Owner: | Petron Corporation |
| EPC: | Daelim Philippines |
| Contractor: | Kaefer Energy |
| Yards/Fabricators: | Acrered Builders & Supply Corp. Petron Bataan Refinery, Limay Bataan |
| Application Period: | July 2014 |
| Fire scenario: | H120/J60 |

Area :

Underdeck FW Line
(LPG Pier)

Product

Jotachar JF750

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|----------------------------|--|
| Case: | Petron RMP2 (Daelim) |
| Owner: | Petrobras |
| EPC: | Consórcio SPS |
| Yards/Fabricators: | Acrered Builders & Supply Corp. Petron Bataan Refinery, Limay Bataan |
| Application Period: | June – August 2014 |
| Fire scenario: | UL1709 (1 Hour) |

Area :

Vessel
(1,000 m²)

Product

Jotachar JF750





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|-----------------------|--|
| Case: | Concrete Fuel Storage bunds |
| Client: | Petron Corporation |
| Client: | DCMI - Batangas Power Plant – Philippines |
| Application: | Phase 1 of 3 Completed June 2015 by DCMI in-house personnel with TSS provided by Jotun Philippines |
| Fire scenario: | H60/400°C |

Area :
DCMI Gas Oil Fuel
Storage Concrete Bund
(500 m²)

Product
Jotachar JF750

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Case: Diamond Offshore – Ocean Confidence – Grand Canary

Owner: Las Palmas Shipyard – Gran Gran Canaria – Spain

Application: Repair of Thermo-Lag with Jotachar JF750

Applicator: Muehlhan

Application Period: November 2014

Fire scenario: IMO A754 Divisions

Area :

Vessel
(1,000 m²)

Product

Jotachar JF750





Jotachar

JF750
mesh free



Increased productivity –
no mesh installation



Continuous application



Faster project completion



Up to 60% reduction in time
and costs



Less downtime –
no mesh inspection points



Potential one coat system for 30 or
60 minute jet fire scenarios

Jotachar
the time saving solution



A global provider of coatings



Jotun is one of the world's leading manufacturers of paints, coatings and powder coatings.

We have 65 companies in 45 countries and 35 production facilities in 21 countries on all continents, and are represented in over 100 countries with our network of agents, branch offices, distributors and sales offices around the world.

Our operations cover development, production, marketing, R&D and sales of paints and coatings to protect and decorate surfaces in residential, shipping and industrial markets.

Jotun is organised in four segments and seven geographical regions with its head office located in Sandefjord, Norway.

PROTECTIVE COATINGS

Our protective coatings are protecting assets in industries such as offshore, energy, infrastructure and hydrocarbon processing.

MARINE COATINGS

As the world's leading provider of marine coatings we supply to ship owners, management companies and others for newbuilding, seastock and dry-dock.

POWDER COATINGS

Our powder coatings are supplied to manufacturers of appliances, furniture, building components, pipelines and general industries.

DECORATIVE PAINTS

Our interior and exterior paints are being used by consumers and professionals worldwide, for protection and decoration.

UNIFORM STANDARD ACROSS THE GLOBE

- Easy to exchange trained technical personnel across national borders and multi-national projects.
- Compulsory training for all technical and sales personnel in marine and protective segments. Most of our coating advisors and technical personnel have FROSIO and/or NACE certification.
- Same competence in maintaining company standard procedures globally.



Jotun GreenSteps

FOR A MORE COLOURFUL WORLD, WE ALL NEED TO BE A LITTLE GREENER

Jotun recognises the responsibility it has to the environment and has established its own GreenSteps programme.

Through the GreenSteps programme we address market demand for more sustainable coatings solutions.



Reducing
VOC
emissions



Reducing
hazardous
materials



Reducing
energy
consumption



Reducing
carbon
footprint



Reducing
waste

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