



MARINE EQUIPMENT



MSC

MSC GROUP

For more than 10 years, MSC Group has been maintaining strong ties with the leading shipbuilding enterprises and yards of Russia, including Admiralty Shipyards, Baltic Shipyard, Severnaya Verf, Sredne-Nevisky Shipyard, Yantar Shipyard, Vympel Shipyard, Zelenodolsk Plant named after A.M. Gorky and many others.


Our manufacturing facilities are located in St. Petersburg, Russia. The company offers following services:

- Design and manufacturing
- Commissioning and inspection
- Service maintenance
- Customs services
- Logistics services
- Development of import-export operations

Our technical specialists always come forward with solutions and services that could match all of your requirements.

All units are made of high-quality components, providing high reliability and compact size.

MSC Group is certified by the Russian Maritime Register of Shipping that fully complies with the standards of the International Marine Organization (IMO). We also can obtain additional certification suitable per your request.



4	Wet units and accessories
8	Cladding panels
20	Doors and hatches
25	Design of vessel interiors
32	Reference list

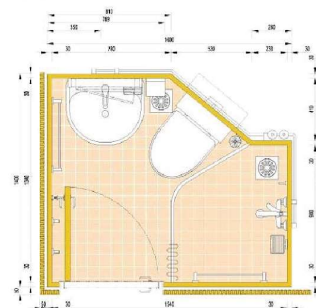
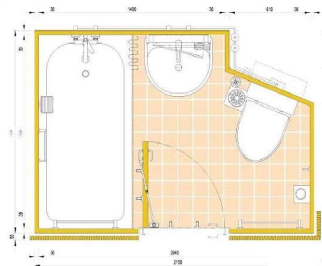
WET UNITS



Modular wet units can be easily integrated into passenger cabins and service rooms of vessels, ships and service facilities on oil-and-gas fields. The units are fully equipped with sanitary and electrical components.

Specialists of our company always come up with solutions for any customer requirements. Equipment can be delivered in parts, if required.

Wet units are usually pre-fabricated, which guarantees high quality and reliable operation.



ACCESSORIES FOR WET UNITS



Wall hung vacuum toilet



Wall hung gravity toilet



Sink



Bath tap with
thermostat



Shower tap with
thermostat



Single lever shower
mixer tap



Single lever bath
mixer tap



Single lever sink
mixer tap
(with controlled drain)



Single lever sink
mixer tap



Recycle bin



Bath



Wardrobe with mirror



Water tank



Electric heater



Tap



Towel rail



Wall hanger



Double wall hanger



Soap holder



Shelf


One glass
holder

Two glasses
holder

Holder for
additional roll
of toilet paper

Toilet paper
holder

ACCESSORIES FOR WET UNITS



Toilet brush



Sink drain



Handle



Door check



Door stop



Door stop



Cable box



Lamp with switch and receptacle



Lamp



Floor drain



Vent valve



Pipe coupling



Pipe coupling

MULTI-PURPOSE WALL PANEL MWP 25



Panel MWP 25 is designed for external and internal cladding.

Sandwich panel consists of two stainless steel/galvanized plates and flameproof insulation. One side or both sides of panel are coated with protective and decorative textured PVC-foil.

- panel weight: 15,8 kg/m²;
- fire class: B-15/B-0;
- sound reduction index: 31 dB;
- density of isolation material: 150 kg/m³;
- thickness of steel sheet: 0,6 mm;
- thickness: 25 mm;
- width: 550 mm;
- max.width.: 600 mm;
- max.height: 2470 mm;
- textured PVC-foil coating.

CLADDING PANELS

MULTI-PURPOSE WALL PANEL MWP 50



Panel MWP 50 is designed for bulkhead cladding.

Sandwich panel consists of two stainless steel/galvanized plates and flame-resistant insulation. One side or both sides of panel are coated with protective and decorative textured PVC-foil.

- panel weight: 18,6 kg/m²;
- fire class: B-15/B-0;
- sound reduction index: 35 dB;
- density of isolation material: 150 kg/m³;
- thickness of steel sheet: 0,6 mm;
- thickness: 50 mm;
- width: 550 mm;
- max.width: 600 mm;
- max.height: 2470 mm;
- textured PVC-foil coating.

QUICK-RELEASE WALL PANEL QWP 25



Quick-release wall panel is designed for external and internal cladding.

Sandwich panel consists of two stainless steel/galvanized plates and flame-resistant insulation. One side of panel is coated with protective and decorative textured PVC-foil.

The scope of supply includes decorative sections for panel connection.

- panel weight: 15,8 kg/m²;
- fire class: B-0
- sound reduction index: 31 dB
- density of isolation material: 150 kg/m³;
- thickness of steel sheet: 0,6 mm;
- thickness: 25 mm;
- width: 550 mm;
- max.width: 600 mm;
- max.height: 2470 mm;
- textured PVC-foil coating.

CLADDING PANELS

HONEYCOMB WALL PANEL HWP 6/12/19



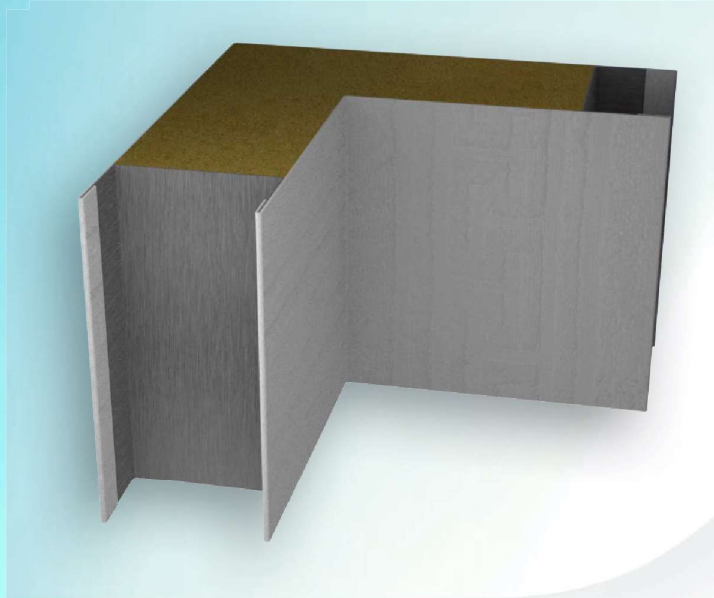
HWP panel is designed for external and internal cladding.

Sandwich panel consists of two aluminum/stainless steel plates and aluminum honeycomb. One side of panel is coated with protective and decorative textured PVC-foil.

Panels are connected with aluminum sections to furring.

- weight at density: 12 mm - 4,7 kg/m²;
- fire class: C;
- thickness of steel sheet: 0,6 mm;
- thickness: 6/12/19 mm;
- width: 1250 mm
- max.height: 2500 mm;
- textured PVC-foil coating.

ANGULAR WALL PANEL AWP 25/50



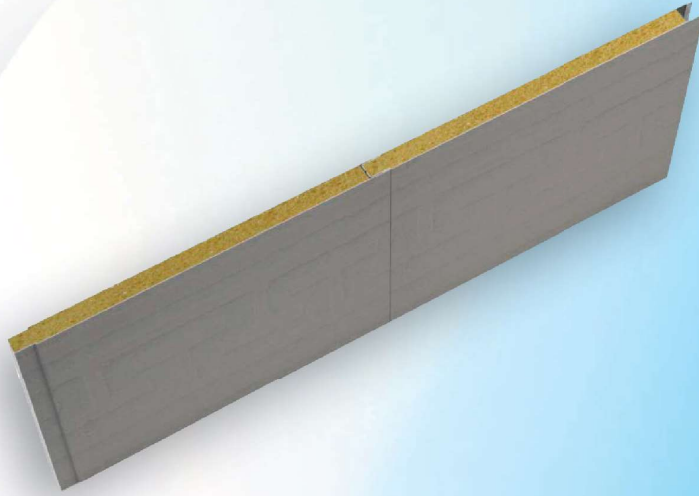
Panel is designed for inside and outside corners.

Sandwich panel consists of two stainless steel/galvanized plates and flame-resistant insulation. One side or both sides of panel are coated with protective and decorative textured PVC-foil.

- fire class: B-15/B-0;
- sound reduction index: 31 dB;
- density of isolation material: 150 kg/m³;
- thickness of steel sheet: 0,6 mm;
- thickness: 25/50 mm;
- width: 75 mm;
- max.width: 150 mm;
- max.height: 2400 mm;
- textured PVC-foil coating.

CLADDING PANELS

MULTI-PURPOSE DECKHEAD PANEL MDP 25



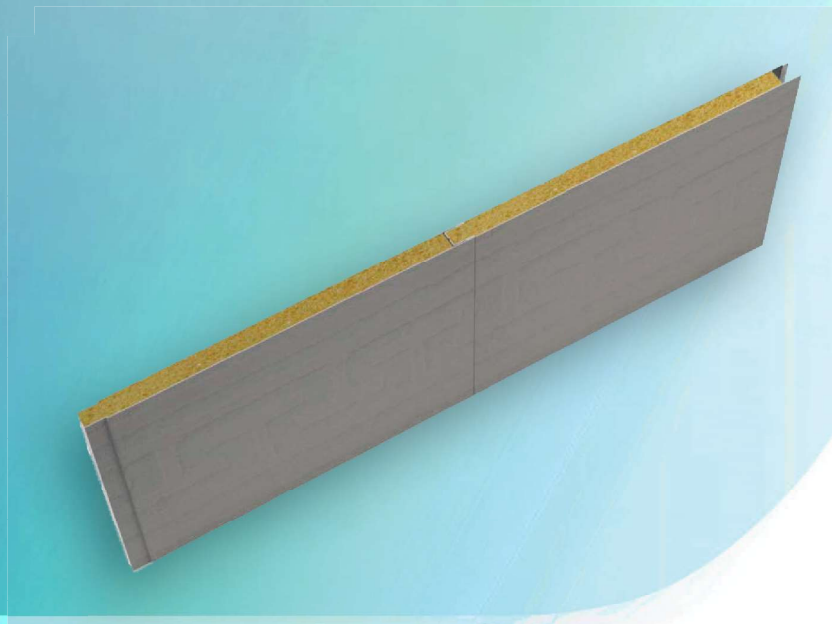
Panel is designed for deckhead cladding.

Sandwich panel consists of two stainless steel/galvanized plates and flame-resistant insulation. One side or both sides of panel are coated with protective and decorative textured PVC-foil. In big room, panels are banded together by connection sections.

Additional structural capability is provided by pre-fabricated mount profiles.

- panel weight: 15,8 kg/m²;
- fire class: B-15/B-0;
- sound reduction index: 31 dB;
- density of isolation material: 150 kg/m³;
- thickness of steel sheet: 0,6 mm;
- thickness: 25 mm;
- width: 350 mm;
- max.width: 600 mm;
- max.height: 2400 mm;
- textured PVC-foil coating.

MULTI-PURPOSE DECKHEAD PANEL MDP 36



Panel is designed for deckhead cladding.

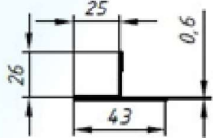
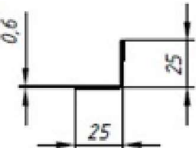
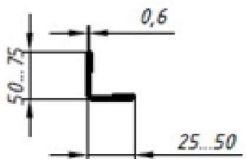
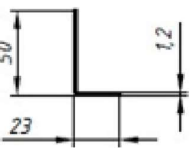
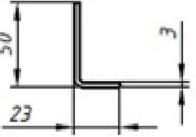
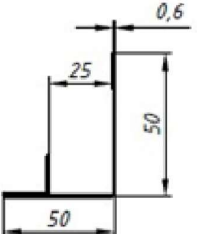
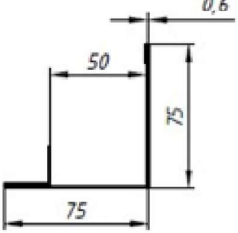
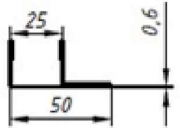
Panels are made of box metal sections, coated with protective and decorative textured PVC-foil and flame resistant cotton wool.

- panel weight: 5,7 kg/m²;
- fire class: B-15;
- sound reduction index: 31 dB;
- density of isolation material: 150 kg/m³;
- thickness of steel sheet: 0,6 mm;
- thickness: 36 mm;
- width: 300 mm;
- max.width: 500 mm;
- max.height: 2400 mm;
- textured PVC-foil coating.

All panels are tested and certified.

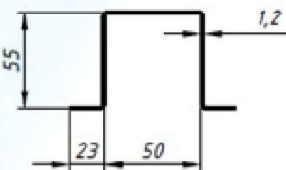
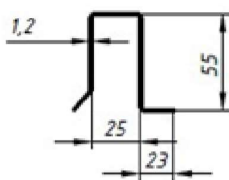
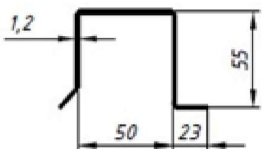
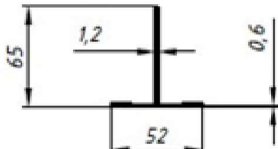
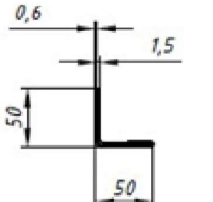
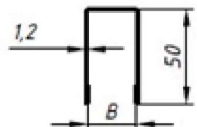
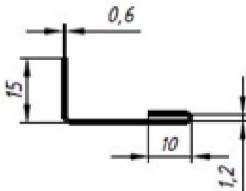
MOUNTING PROFILES

No	Description	Parameter, mm	Weight, kg/lm	Section
1	Mounting profile for panel 25 mm	L=2500	0,56	
2	Mounting profile for panel 50 mm	L=2500	0,76	
3	Floor mounting profile 25	L=2500	0,77	
4	Floor mounting profile 50	L=2500	0,97	
5	Connecting profile 25.2	L=2500	0,46	
6	Connecting profile 50	L=2500	0,58	
7	Armored profile for panel 25 mm	L=2500	0,3	
8	Armored profile for panel 25 mm	L=2500	0,6	
9	Armored profile for panel 50 mm	L=2500	0,41	
10	Armored profile for panel 50 mm	L=2500	0,82	

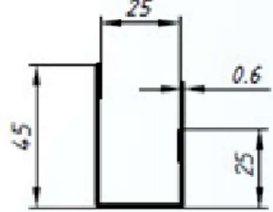
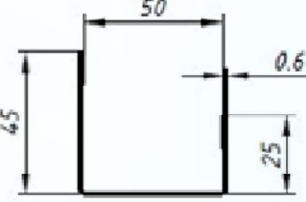

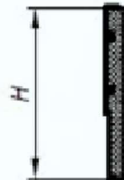
No	Description	Parameter, mm	Weight, kg/lm	Section
11	Corner profile	L=2500	0,44	
12	Inner corner profile	L=3000	0,29	
13	External corner profile	L=2500	0,56	
14	Ceiling corner profile	L=3000	0,68	
15	Coupling corner profile	L=3000	1,59	
16	Corner profile 25	L=3000	0,75	
17	Corner profile 50	L=2500	0,98	
18	Connecting profile 25.3	L=2500	0,64	

MOUNTING PROFILES

№	Description	Parameter, mm	Weight, kg/lm	Section
19	Connecting profile 50.2	L=2500	0,76	
20	Connecting profile 25	L=3000	1,35	
21	Connecting profile 50.2	L=3000	1,59	
22	Connecting profile 25	L=2500	0,91	
23	Connecting profile 50.2	L=2500	1,27	
24	Connecting profile 50.2	L=2500-3000	1,71	
25	Connecting profile 50.2	L=2500-3000	2,20	

№	Section	Parameter, mm	Weight, kg/lm	Section
26	Ceiling profile 50	L=2500	1,92	
27	Ceiling profile 25	L=2500	1,54	
28	Ceiling profile 50.1	L=2500	1,77	
29	Ceiling profile 1	L=3000	2,05	
30	Ceiling profile 2	L=2500	0,85	
31	U-shaped ceiling profile	B=25 B=50 L=2000	1,35 1,59	
32	Facing profile	L=2500	0,13	

MOUNTING PROFILES

No	Description	Parameter, mm	Weight, kg/lm	Section
33	Connecting profile for panel 25 mm	L=2500	0,54	
34	Connecting profile for panel 50 mm	L=2500	0,66	
35	Plastic skirting board	Height H L=3000	0,34	
36	Plastic skirting board	Height H L=2500	0,31	

MULTI-FUNCTIONAL HATCH



Multi-functional hatch provides access for hidden facilities and centers of communications in the deck head and walls.

Hatch consists of leaf with Z-shaped steel frame. The leaf is made of two stainless steel plates and flame-resistant insulation. The visible part of leaf is coated with protective and decorative textured PVC-foil.

- fire class: B-15;
- standard dimensions: 300x300mm;
- max.width: 450 mm;
- max.height: 800 mm;
- textured PVC-foil coating.

INSPECTION DOOR



Revision door provides access to for hidden facilities and centers of communications.

Door consists of leaves with Z-shaped steel frame. The leaf is made of two stainless steel or steel plates and flame-resistant insulation. The visible part of leaf is coated with protective and decorative textured PVC-foil.

- fire class: B-15;
- standard dimensions (single leaf door): 600x1800mm;
- max.width (single leaf door): 800 mm;
- max.height (single leaf door): 2000 mm;
- textured PVC-foil coating;
- single leaf door/double leaf version.

MARINE DOOR A-60



Door consists of leaf and Z-shaped steel profile. The leaf consists of two steel plates and flame-resistant insulation. The both side of leaf are covered with decorative textured PVC-foil.

Accessories can also include central key, door closer, bumper with hanger and storm latch.

- fire class: A-60;
- door leaf: galvanized steel 0,6mm with PVC-foil;
- door case: steel sheet 2mm;
- door case: powder painted;
- thickness of door leaf: 62mm;
- single leaf /double leaf version.

MARINE DOOR A-15/A-0



Door consists of leaf and Z-shaped steel profile. The plates consists of two steel plates and flame-resistant insulation. The both side of leaf are covered with decorative textured PVC-foil.

Accessories can also include central key, door closer, bumper with hanger and storm latch.

- fire class: A-15/A-0;
- door leaf: galvanized steel 0,6mm with PVC-foil;
- door case: steel sheet 2mm;
- door case: powder painted;
- thickness of door leaf: 42mm;
- single leaf /double leaf version.

MARINE DOOR B-15



Door consists of leaf and Z-shaped steel profile. The leaf consists of two steel plates and flame-resistant insulation. The both side of leaf are covered with decorative textured PVC-foil.

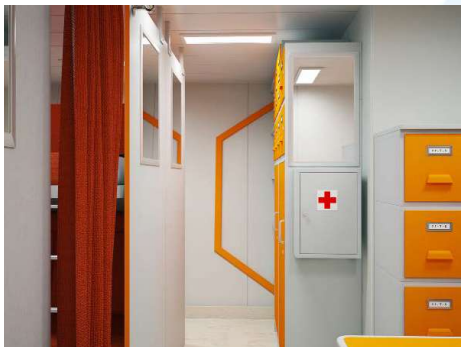
Accessories can also include central key, door closer, bumper with hanger and storm latch.

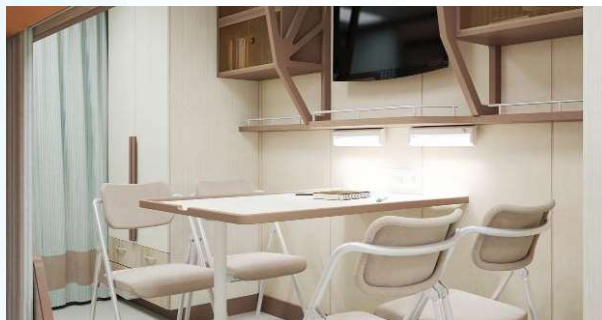
- fire class: B-15;
- door leaf: galvanized steel 0,6mm with PVC-foil;
- door case: steel sheet 2mm;
- door case: powder painted;
- thickness of door leaf: 42 mm;
- single leaf door/double leaf door.

DESIGN OF VESSEL INTERIORS

Our company offers design solutions for ships and vessels:

- design solutions;
- furniture production;
- mounting services.





DESIGN OF VESSEL INTERIORS





DESIGN OF VESSEL INTERIORS





DESIGN OF VESSEL INTERIORS



Galley conversion for training frigate «Chersonesus»



Before.



REFERENCE LIST

After.



Complex conversion of research vessel 12883M «Professor Logachev»



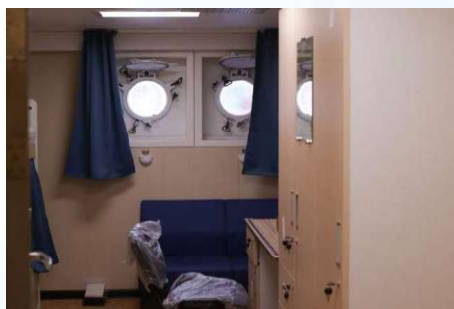
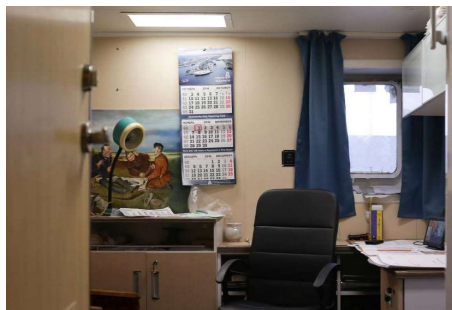
Works were carried out in 47 cabins, 17 laboratories and in halls on the 4 decks. Conversion included disassembling of furniture, cladding and floor covering; development of new projects for cabins; manufacturing and assembling of wet units, cladding; installation of floor covering and isolation mounting.

Before.



REFERENCE LIST

After.



MARINE EQUIPMENT



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