

DAMPA MARINE Metal Ceiling Systems



DAMPA[®]
Quiet Danish Design

DAMPA MARINE CEILINGS PROVIDING SAFETY ON BOARD

DAMPA has produced and delivered metal ceilings to many of the World's largest and most prestigious passenger vessels and cruise liners, navy applications, traditional merchant ships, offshore accommodation platforms and the larger high-speed aluminium and carbon composite crafts.

DAMPA's Marine activities were founded early 1970's following a fire protection development project within the IMO framework. In 1972 the DAMPA Continuous Ceiling System was launched – the first marine ceiling according to a new continuous class principle of fire protection to be incorporated in the International Safety of Life at Sea regulation, SOLAS-74.

DAMPA hereafter quickly became widely acknowledged as the international trendsetter gaining approvals and certifications from leading National Authorities and Classification Societies Worldwide.

DAMPA Marine Ceilings provide a safe and pleasant environment at sea, thanks to the high safety classification and the exceptional acoustic performance and superior appearance.

DAMPA's Quality Management System is according to DS/EN ISO 9001:2008 ensuring that all DAMPA Marine Ceiling Systems are manufactured to the highest standards, within close tolerances to guarantee an accurate, fast and reliable installation.

www.dampa.com

DESIGN

LOGISTICS

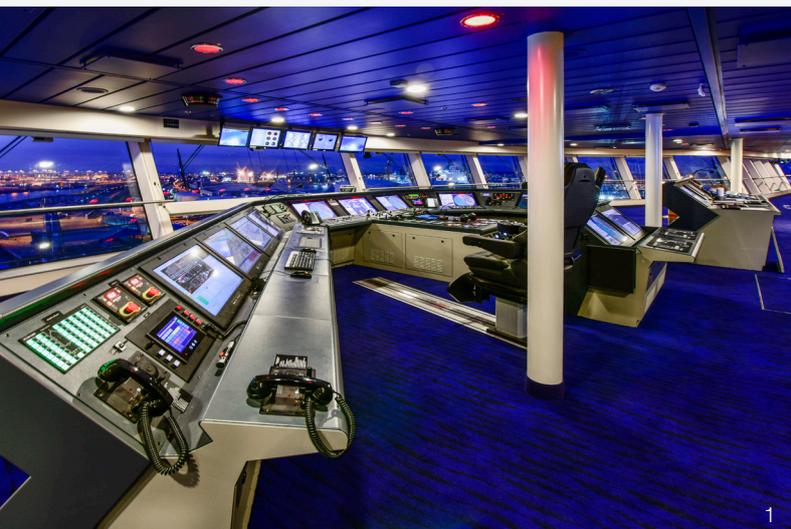
INTEGRATION

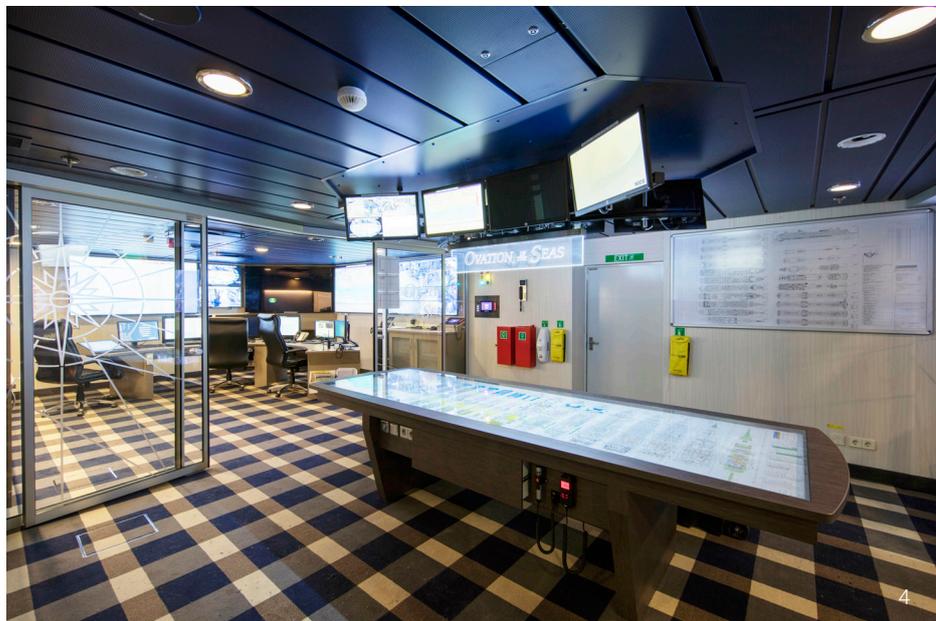
SAFETY ON BOARD

HIGH QUALITY

**PROJECT
MANAGEMENT**

ACOUSTICS





DAMPA PANEL DCC 300

The B-15 fire rated ceiling system DAMPA DCC 300 consists of linear ceiling panels in a standard modular width of 300 mm. By use of only a few basic components a functional and aesthetically pleasing ceiling can be designed to suit a range of applications and areas.

The DCC 300 ceiling panels are made from stove-enamelled 0.6/0.5 mm galvanised steel respectively. The panels can be supplied perforated or plain, and in any specified length, from 600 to 5000 mm as standard. Lengths less than 600, and up to 6000 mm can be made to order.

All panels are 26 mm deep and are supplied with end closings and 25 mm mineral wool inlay as standard. Room-to-room sound reduction of 41 dB - 44 dB depending on type of insulation inlay, and from 46 dB - 50 dB depending on type of additional insulation overlay.

The DAMPA DCC 300 Ceiling System has, with only minor modification of the Basic Installation Principle, been successfully tested with g forces up to 175 by the Danish and US Navies.

DAMPA PANEL DCC 3000

DAMPA DCC 3000 allows for a flat, continuous surface to the ceiling area due to the tight joint, and snug fit between the panels.

The panels are installed from underneath the perimeter supports, thus maximising the available space within the ceiling void. No suspension points nor time consuming installation of additional components are required in areas of up to 3000 mm widths.

All panels are supplied with end-closings and 20 mm mineral wool inlay as standard.

B-0/B-15 fire rated.



DAMPA HOOK-ON PANEL

B-15/A-30 self supporting Hook-On Ceiling System is designed specially for corridors. Each full sized panel can swing down separately. This gives an unlimited access to above services anywhere without disturbing the fire integrity of the ceiling. No additional insulation is required.

The ceiling joint ensures a tight, uniform "pencil" line connection with all panels in flat alignment forming a distinctively plane and neutral ceiling area.

Widths of 300 or 600 mm and lengths up to 1435 mm are available.



DAMPA INTERVAL PANEL

DAMPA Interval System is a suspended Marine Ceiling System consisting of linear ceiling panels made from prepainted aluminium.

Fast and efficient installation is assured, as ceiling panels are supplied 'pre-cut' in accordance with customer drawings and specifications.

By use of only a few basic components a functional and aesthetically pleasing ceiling can be designed to suit all types of C-class areas.

The panels can be supplied perforated or plain, with acoustic inlay and mineral-wool in polyethylen foil PE.

The panels are 26 mm high and are supplied without end-closings as standard. All Panels can be supplied in any specified length from 600 to 4000 mm. Less than 100 mm and up to 6000 mm can be made to order.



DAMPA TILES

C-class ceiling of tiles in many configurations with different function and architectural expressions, available both in aluminium and steel. DAMPA Tiles with Bevelled Edge along all edges emphasises the rectangular feature of the ceiling.

DAMPA Tiles with Square Edge are distinctly flat to form one large neutral ceiling area.

DAMPA "Rainfall Ventilation" Tiles with Bevelled Edge and with Square Edge can be installed with a gap of variable size crosswise to the carrier for air injection in areas, where the ceiling void is used as air supply chamber.

Standard dimensions of the tiles are 600x600 or 300x300 mm. Additionally DAMPA offers delivery of the well-known Clip-in Tiles in steel in new practical dimensions, for example 300x1200 mm, 300x1500 mm or 600x1200 mm.



TECHNICAL SOLUTIONS AND SUPPORT

All the way through the project phase from the design phase to finished product, we supply with consultancy combining the expertise of our own engineers completing detailed drawings of your project with the support from our experienced marine customer service team.

Fast and efficient installation is assured, as ceiling panels are supplied 'pre-cut' in accordance with customer drawings and specifications.

All ceiling panels are pre-cut to fit actual room dimensions. Factory manufactured start, end, stepped and diagonal panels and cut outs for luminaires, spot lights, speaker panels, smoke detectors, etc.

CERTIFICATES AND APPROVALS

DAMPA's products are continuously tested according to international requirements, such as fire stability and integrity.

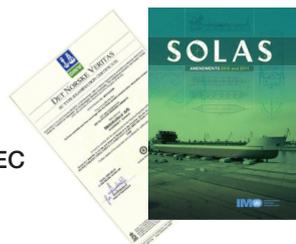
Certificates and approvals from leading classification societies have been achieved.

CE-mark of Conformity

IMO and SOLAS Requirements

Non-Toxicity and Calorific Value

EEA Marine Equipment Directive 96/98 EC



REFERENCES

Front:
DAMPA Interval Panel 190/10
Brewhouse - AIDA Prima

AIDA Prima
Hurtigruten Spitzbergen

DAMPA DCC 300
1. Wheelhouse - Quantum of the Seas
2. Oceanview Café - Celebrity Eclipse
3. Corridor - Ovation of the Seas
4. Wheelhouse - Ovation of the Seas

DAMPA DCC 3000
5. Cabin - AIDA Sol
DAMPA Hook-On Panel
6. Corridor - AIDA Prima

DAMPA Interval Panel 190/10
7. Fuego Restaurant - AIDA Prima
8. Restaurante Casanova - AIDA Prima
DAMPA Tiles
9. Kids Area - Norwegian Escape
10. Atrium Café - Norwegian Escape

DESIGN AND INSPIRATION

Metal's inherent flexibility means that the sky is the limit for your ceiling design. Whether you are working in steel or aluminium, there is an endless array of options available at your disposal, ranging from design, through to dimensions and surfaces. DAMPA has more than 3,000 international marine references for inspiration to draw on.

ACOUSTICS

DAMPA's metal ceilings ensure an exceptional acoustic environment, adjustable to varying demands on reverberation times.

To reduce the general sound level the perforated ceilings units are the most effective solution.

IDENTIFICATION AND HANDLING ON SITE

DAMPA meets your specific requirements of packaging. DAMPA Panels are as standard supplied in pre-cut length according to specification to suit actual room dimensions. Identification and Handling on Site Ceiling unit boxes are labelled with contents, ceiling unit length as well as deck and room number for easy identification and handling on site.

DAMPA ApS
Højeløkkevej 4A
DK-5690 Tommerup

(+45) 6376 1300

dampa@dampa.dk

www.dampa.com

