

# Danacoustic M

(200 – 300 mm)

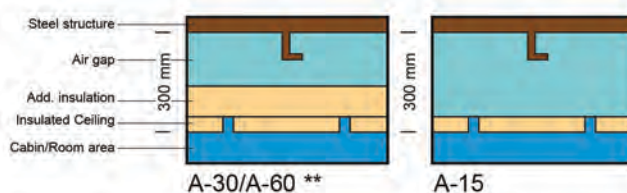
M Danacoustic can be fitted - and refitted as necessary - swiftly and easily with the panels clipping into a carrier system and then secured in place by screws. Again, to facilitate access, each individual panel can be easily removed.

The system fully satisfies all current fire regulations and, although very light, has very good sound control properties. It has been used with success on marine vessels, oil rigs and other offshore installations.

The flexibility of the Danacoustic M system can easily cope with a variety of lighting and ventilation systems.

## DANACOUSTIC M - COLOURS

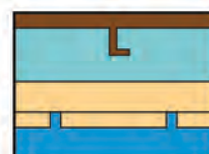
Colour is obviously an essential element in interior design, so although standard panels are white, we can work with your designers to meet almost any colour specification.



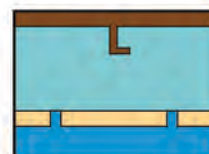
| DESCRIPTION        | M200 - M250 - M300          |                                |
|--------------------|-----------------------------|--------------------------------|
| Fire Class         | B-0/A-15                    | B-15/A-30/A-60 **              |
| Module width*      | 200-250-300 mm              | 200-250-300 mm                 |
| Length             | 50-5000 mm                  | 50-5000 mm                     |
| Insulation         | Rockwool                    | Rockwool                       |
| Thickness          | 25 mm                       | 25+50 mm                       |
| Density            | 31-35 kg/m <sup>3</sup>     | 31+40 kg/m <sup>3</sup>        |
| Weight             | 9-8.7-8.5 kg/m <sup>2</sup> | 11-10.7-10.5 kg/m <sup>2</sup> |
| Thermal Properties | U=1.16 W/m <sup>2</sup> K   | U=0.42 W/m <sup>2</sup> K      |

\* Other modules can be delivered (depending on quality)

\*\* Contact Norac for further information.



B-15



B-0

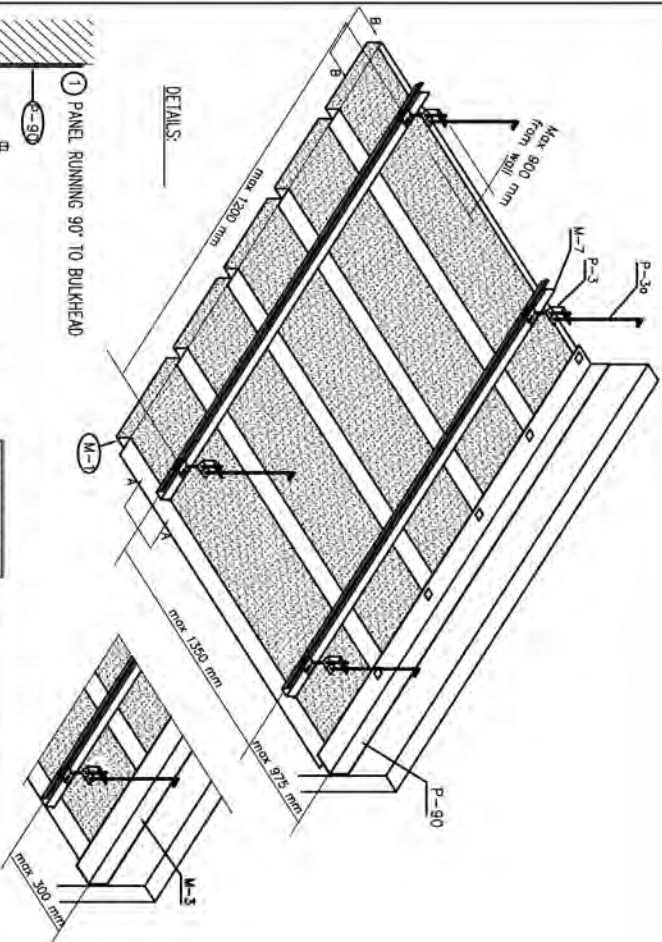


sales@shipinteriorsystems.com  
www.shipinteriorsystems.com  
541-436-4440

SHIP INTERIOR SYSTEMS LLC

SHIP INTERIOR SYSTEMS, LLC  
1767 12th Street #128  
Hood River, OR 97031





DETAILS

1 PANEL RUNNING 90° TO BULKHEAD

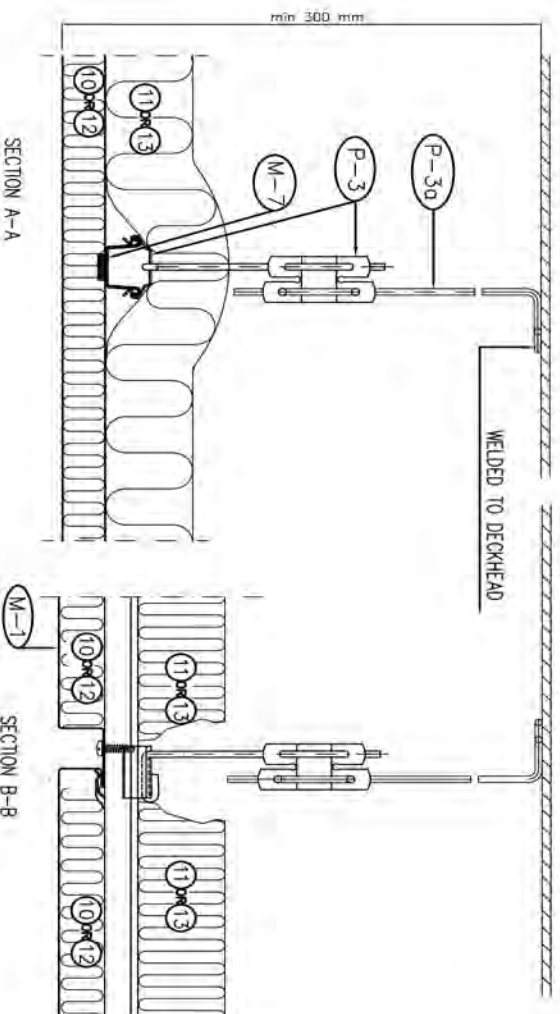
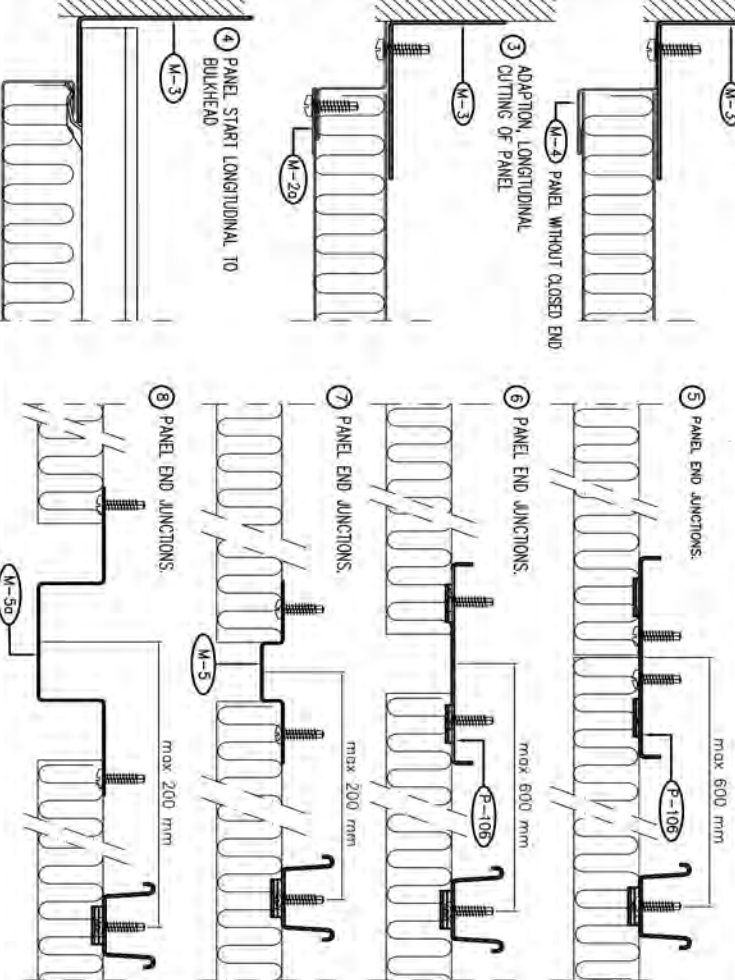
| CLASSIFICATIONS | POSITIONS | INSULATION                      | TYPE OF CEILING |
|-----------------|-----------|---------------------------------|-----------------|
| B-0/A-15        | 10 ONLY   | 25 mm Rockw. Marin Batts 32     | UNPERFORATED    |
| B-15/A-30       | 10+11     | 25+50 mm Rockw. Marine Batts 45 | UNPERFORATED    |
| B-0             | 12 ONLY   | 25 mm Rockw. Marine Batts 45    | PERFORATED      |
| B-15/A-60       | 12+13     | 25+50 mm Rockw. Marine Batts 60 | PERFORATED      |

5 PANEL END JOINTS.

6 PANEL END JOINTS.

7 PANEL END JOINTS.

8 PANEL END JOINTS.



# COMPONENT LIST:

|                                                                                                                                                         |                                                                |                                                                                          |                                                                  |                                                                  |                                                                  |                                                                                              |                                                                                                                     |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <p>M-1</p> <p>DIAKONOSTE MARINE PANEL<br/>MODULE 200/250/250<br/>0.6 mm ZINC COATED STEEL<br/>PERFORATED AND NONPERFORATED<br/>CLOSED ENDS STANDARD</p> | <p>M-2</p> <p>EDGE TRIM<br/>0.6 mm ZINC COATED STEEL</p>       | <p>M-3</p> <p>ANGLE TRIM<br/>ANGLE TRIM WITH CHARGER LUGS<br/>1 mm ZINC COATED STEEL</p> | <p>M-4</p> <p>END EDGE TRIM<br/>0.6 mm ZINC COATED STEEL</p>     | <p>M-5</p> <p>JOINT PROFILES<br/>0.6 mm ZINC COATED STEEL</p>    | <p>M-6</p> <p>SELF TAPPING SCREW</p>                             | <p>M-7</p> <p>U-PROFILE<br/>JUNCTION PIECE FOR U-PROFILE<br/>BOTH 1 mm ZINC COATED STEEL</p> | <p>P-86</p> <p>P-86 EDGE SUSPENSION RAIL FOR OTHER<br/>MANUFACTURES TOP HAT PROFILES<br/>1 mm ZINC COATED STEEL</p> | <p>P-105</p> <p>P-105 00.<br/>1 mm BK.</p> |
| <p>P-30</p> <p>BUTTERFLY CAP BT<br/>0.7 mm SPRING STEEL<br/>84 mm STEEL AND<br/>1 mm STEEL ALZ. ZINC COATED<br/>NUT STRAP<br/>84 mm STEEL</p>           | <p>P-106</p> <p>JOINT PROFILE<br/>0.6 mm ZINC COATED STEEL</p> | <p>10</p> <p>25 mm ROCKWOOL MARINE-<br/>BATS 32<br/>31 kg/m³</p>                         | <p>11</p> <p>50 mm ROCKWOOL MARINE-<br/>BATS 45<br/>40 kg/m³</p> | <p>12</p> <p>25 mm ROCKWOOL MARINE-<br/>BATS 45<br/>40 kg/m³</p> | <p>13</p> <p>50 mm ROCKWOOL MARINE-<br/>BATS 60<br/>80 kg/m³</p> |                                                                                              |                                                                                                                     |                                            |

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# Danacoustic Tiles P-31

This type of ceiling is often used in public areas. Norac delivered often the tiles integrated with special beams, domes, etc.

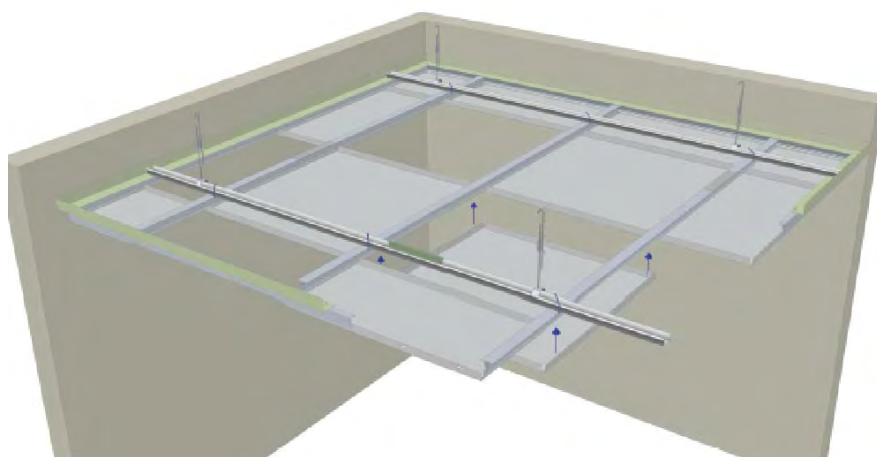
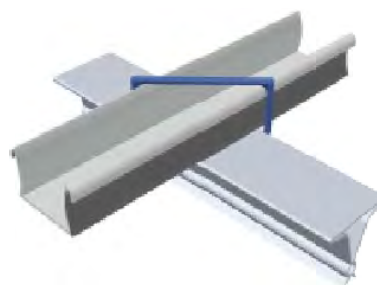
The tile system is very easy to install, using a conventional T-rail suspension system. Each tile is thus easily removed to allow quick access to the ceiling void. The system is only for areas with C-class. Tiles are available in the following sizes: 300x300 mm, 600x600 mm and 300x600 mm.

## COLOUR

Tiles are normally finished in white, but other colour finishes can be supplied.

## INSTALLATION

The tiles are held in place by rolled steel grid sections providing a very rigid structure.

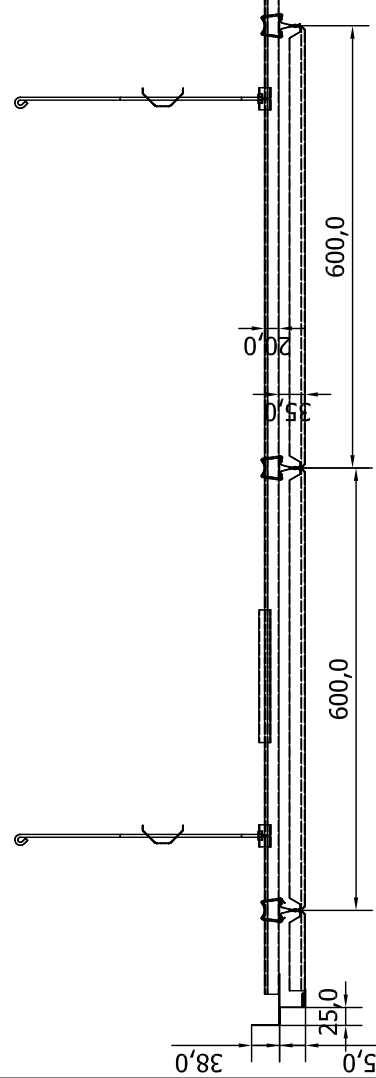
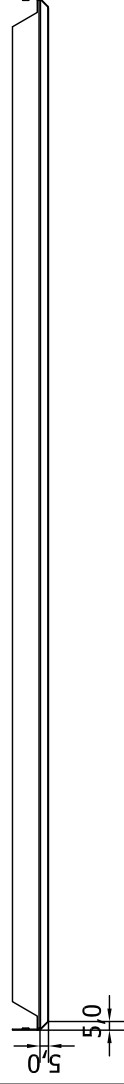
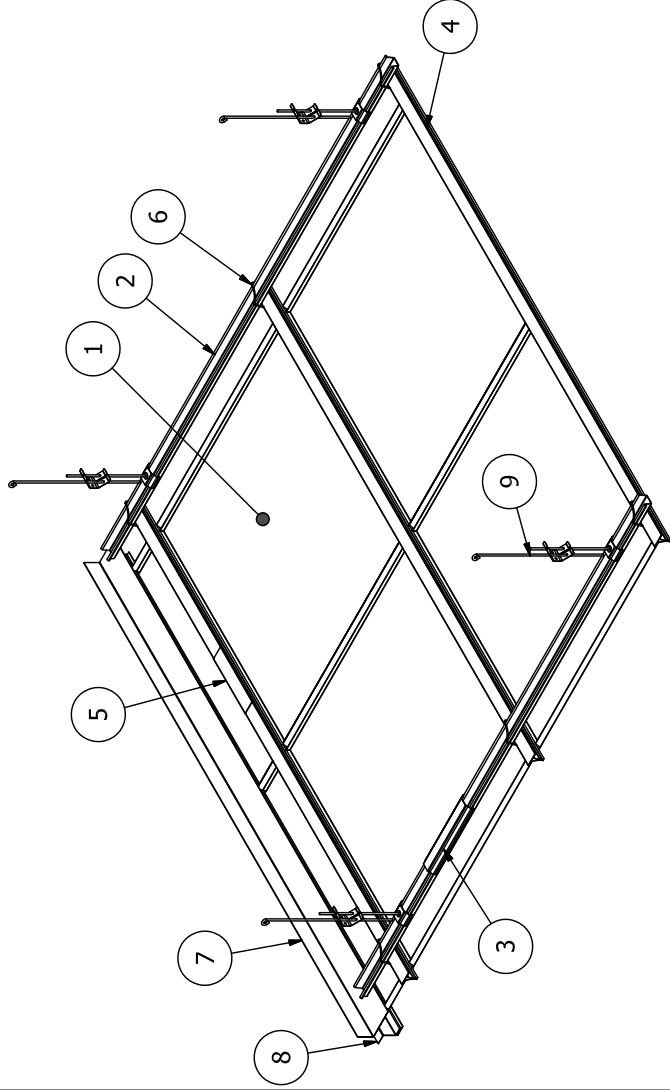


| DESCRIPTION          | TILES                                |
|----------------------|--------------------------------------|
| Fire Class           | C-class                              |
| Module width         | 300 x 300 / 600 x 300 / 600 x 600 mm |
| Optional sound inlay | Rockwool 25mm                        |
| Optional sound cloth | Soundtex                             |
| Weight               | 5.7 - 6.9 kg/m <sup>2</sup>          |
| Material             | Aluminium / Steel                    |



Componet list for clip-in tile chamfer edge 600x600

| Item | Drawing | Type/name                               | kg/m <sup>2</sup>      | Qty/m <sup>2</sup>    |
|------|---------|-----------------------------------------|------------------------|-----------------------|
| 1    |         | Clip-in tile chamfer edge steel 600x600 |                        | 2,8 pc/m <sup>2</sup> |
| 2    |         | Junction carrier L=2500mm               | 0,6 kg/m <sup>2</sup>  | 1,2m /m <sup>2</sup>  |
| 3    |         | Junction carrier connector              | 0,03 kg/m <sup>2</sup> | 0,3pc/m <sup>2</sup>  |
| 4    |         | Carrier profile L=2500mm                | 1,6 kg/m <sup>2</sup>  | 1,6m /m <sup>2</sup>  |
| 5    |         | Carrier profile connector               | 0,08kg/m <sup>2</sup>  | 0,8 pc/m <sup>2</sup> |
| 6    |         | Carrier clip                            | 0,01kg/m <sup>2</sup>  | 1,4pc/m <sup>2</sup>  |
| 7    |         | Wal trim L=2400mm                       | 0,5kg/m                |                       |
| 8    |         | Last cover Trim L=2400mm                | 0,6kg/m                |                       |
| 9    |         | Hanging rod with butterfly clip         | 0,2 kg/m <sup>2</sup>  | 2pc/m <sup>2</sup>    |



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