

# A-60 Bulkhead - Standard Design

Plate: 56-70mm - Stiffener: 76-25mm



| Plate                     |                          | Stiffener                 |                          | Complete solution <sup>1)</sup> |                             |  |
|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------------|-----------------------------|--|
| Product                   | weight kg/m <sup>2</sup> | Product                   | weight kg/m <sup>2</sup> | weight kg/m <sup>2</sup>        | U-Value W/m <sup>2</sup> .K | Sound Reduction Rw(C,C <sub>tr</sub> ) |
| U SeaProtect Slab 56 70mm | 3,92                     | U SeaProtect Slab 76 25mm | 1,90                     | 5,25                            | 0,636                       | 49dB (-2,-7)                           |



## Certificates

- Module B MED: n°MED-B-9334 notified body DNV. U.S Coast Guard. Type Approvals: ABS, Bureau Veritas
- Possibility to use various facings and to increase density and/or thickness according to our certificates (more details p84-85)
- Latest version of certificates downloadable online: <http://www.isover-technical insulation.com/Documentation/Marine-Insulation>



## Easy Logistics portfolio (for more details, please refer to p12-13 and p86-87)

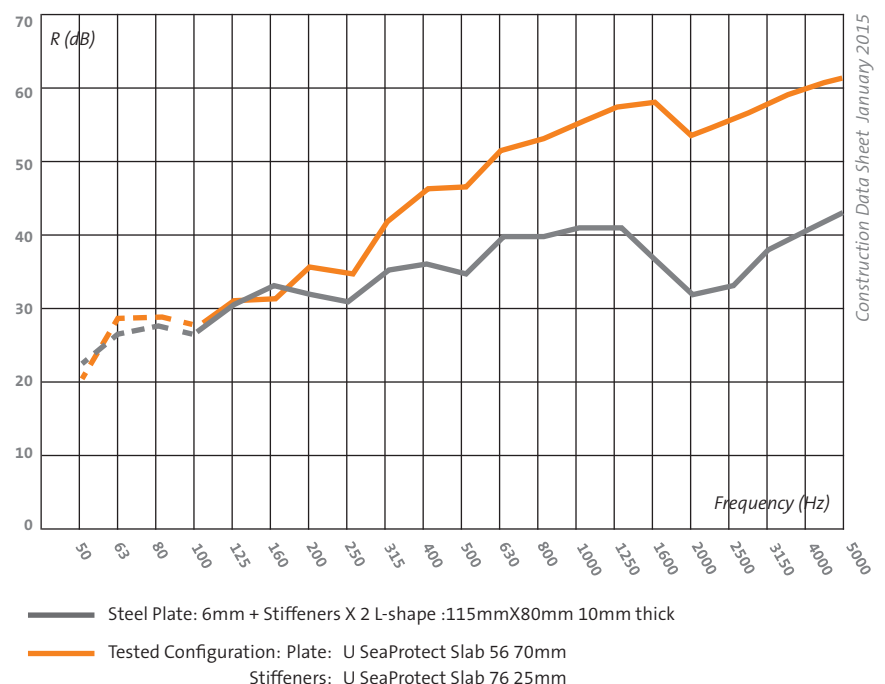
| Products name             | Facings |          |             |              |              |                                      |                            |
|---------------------------|---------|----------|-------------|--------------|--------------|--------------------------------------|----------------------------|
|                           | Unfaced | Aluminum | Glass cloth |              |              | B facing (Alu-Glass cloth composite) |                            |
|                           |         |          | Alu1        | G120 (black) | G220 (white) | G420 (white)                         | B-GI (Glass cloth outside) |
| U SeaProtect Slab 56 70mm | ●       | ●        | ●           | ●            | ●            | ●                                    | ●                          |
| U SeaProtect Slab 76 25mm | ●       | ●        | ●           | ●            | ●            | ●                                    | ●                          |

Cells with a dot indicate products that can be manufactured, cells highlighted in green indicate products which are part of the Easy Logistics Portfolio with low Minimum Order Quantity (equivalent to 1 pallet). Grey cells indicate products that cannot be manufactured with this facing.

|  | Steel 6mm        | Tested Configuration |
|--|------------------|----------------------|
| Frequency (Hz)                                     | R (dB)           | R (dB)               |
| 50   | 22               | 19,9                 |
| 63   | 26,6             | 28,4                 |
| 80   | 27,7             | 28,8                 |
| 100  | 26,4             | 27,5                 |
| 125  | 30,4             | 30,6                 |
| 160  | 33               | 30,7                 |
| 200  | 32               | 35,7                 |
| 250  | 30,6             | 34,8                 |
| 315  | 35,2             | 41,7                 |
| 400  | 35,7             | 45,8                 |
| 500  | 34,6             | 46,7                 |
| 630  | 39,4             | 51,2                 |
| 800  | 39,7             | 52,6                 |
| 1000   | 40,8             | 55                   |
| 1250   | 40,6             | 57,2                 |
| 1600   | 36,9             | 58                   |
| 2000   | 31,7             | 53,5                 |
| 2500   | 32,6             | 55                   |
| 3150   | 37,6             | 58                   |
| 4000   | 40,5             | 59,9                 |
| 5000   | 42,7             | 61,1                 |
| <b>R<sub>w</sub>(C<sub>1</sub>;C<sub>tr</sub>)</b> | <b>37(-2;-1)</b> | <b>49(-2;-7)</b>     |
| <b>R<sub>A</sub></b>                               | <b>35</b>        | <b>47</b>            |
| <b>R<sub>A,tr</sub></b>                            | <b>36</b>        | <b>42</b>            |



## Sound Reduction measurement



<sup>1)</sup> Estimation of the weight for the complete solution is based on the surface ratio traditionally used in Marine industry of 1 for the plate part and 0,7 for the stiffener. The weight (kg/m<sup>2</sup>) and the U-values (W/m<sup>2</sup>.K) are given for 1 m<sup>2</sup> "seen" from the flat side ("projected area").