A-60 Steel Bulkhead restricted

**Construction notes:**
- Plate between stiffeners insulated with one layer of 40 mm SeaRox SL 640.
- Stiffeners insulated with 40 mm SeaRox SL 640.
- Ø 3 mm pins fixed with approx. 300 mm distance.
- Insulation secured with washers of Ø 38 mm.

**Application notes:**
- Restricted application (fire against insulated side).
- All connections must be tight.
- Gap under the stiffener must be filled out completely.
- The pins should exceed the insulation by approx. 10 mm.

**Optional surface (on request):**
- Reinforced aluminium foil
- Glass cloth

**Advantages:**
- Secures excellent noise reduction and better comfort
- Lowest water absorption - optimal insulation performance

**Sound reduction:**

| Frequency (Hz) | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 |
|---------------|----|----|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| R (dB)        | 18.7 | 19.7 | 22.5 | 28.1 | 27.5 | 31.8 | 32.1 | 35.2 | 39.8 | 41.9 | 43.0 | 46.4 | 48.4 | 51.2 | 53.7 | 54.5 | 54.4 | 54.1 | 53.7 | 56.7 | 59.3 |

**Sound absorption:**

Weighted sound absorption: SeaRox SL 640, 40 mm, $\alpha_w = 0.80$

\[ R_w(C_w) = 47 (-2; -6) \text{ dB} \]