

G21 Fire Panel - H120 - Galvanized Steel

Internal Sandwich Walls

Sheet 5.1.2.1 - Version 13/06/2022

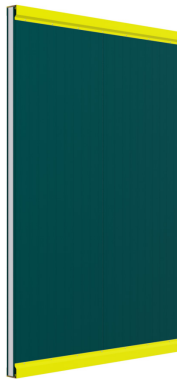
Performances

- Fire resistance H0/H60/H120 in accordance with IMO Resolution MSC.307(88).
- Sound insulation 32 dB in accordance with EN ISO 140-3.
- Thermal insulation $U = 0.24 \text{ W/m}^2\text{K}$.
- Durability Design life of 30 years with minimum maintenance.
- Weight 32.1 kg / m^2 at 172 mm panel thickness.
- Core density 120 kg/m^3 - EN 1602:1997.
- Air tightness $<0.1 \text{ m}^3/\text{m}^2\text{h}$ at 50 Pa, according to EN 12114:2001.
- Water tightness Class C according to EN 14509:2007.
No water penetration at test pressure 2100 Pa, test method A, EN 12865:2002.

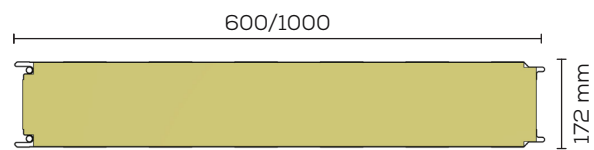
Materials

- Core material 172 mm mineral wool (non-combustible).
- Panel skins 0.6 mm coilcoated galvanised steel sheets DX51D with Prisma coilcoating.
 - Thickness 40 micron - EN 13523-11.
 - Corrosion resistance 1000 h salt spray test - EN 13523-8.
 - Corrosion resistance 1000 h humidity - EN 13523-25.
 - Corrosion resistance category RC5 - EN 10169:2010.
 - UV resistance RUV4 - EN 10169:2010.

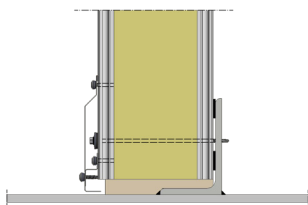
Overview



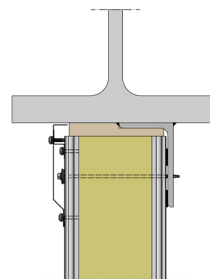
Front view (3D)



Horizontal section



Bottom section



Top section