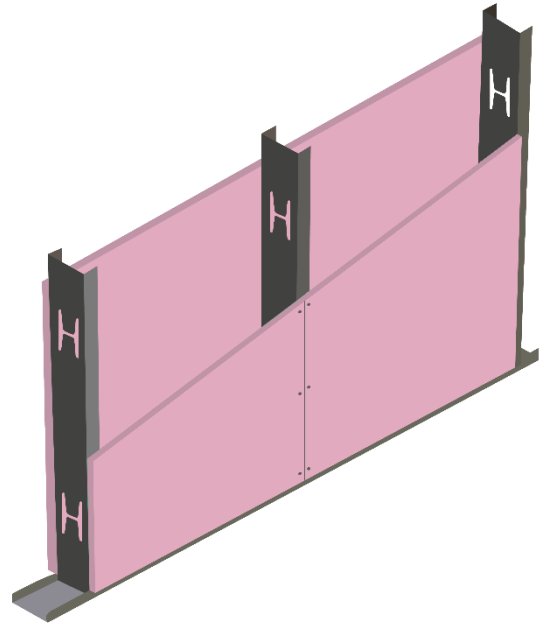


# Solid Ceilings Fire Rated Systems

## Solid Ceilings 1 hour fire rated 63mm Drywalling system 46Db.

60 minute fire rated solid ceilings drywalling system comprises of 2\*12mm Solid fireproof boards securely fastened through both boards to each side of the framework by 6\*40 drywall screws. 63mm Solid Ceilings stud, 0.45mm thickness fitted into the top and bottom of a Solid Ceilings 64mm track by 8\*13 wafer head tek screws at 400 centers, track fastened by fisher plugs to the floor and ceiling. Install Solid 63mm Cavity Batt, density 10.8kg/m<sup>3</sup> tightly butted into framework leaving no gaps. Solid Fibre tape should be applied to all joints. All joints to be correctly skimmed.

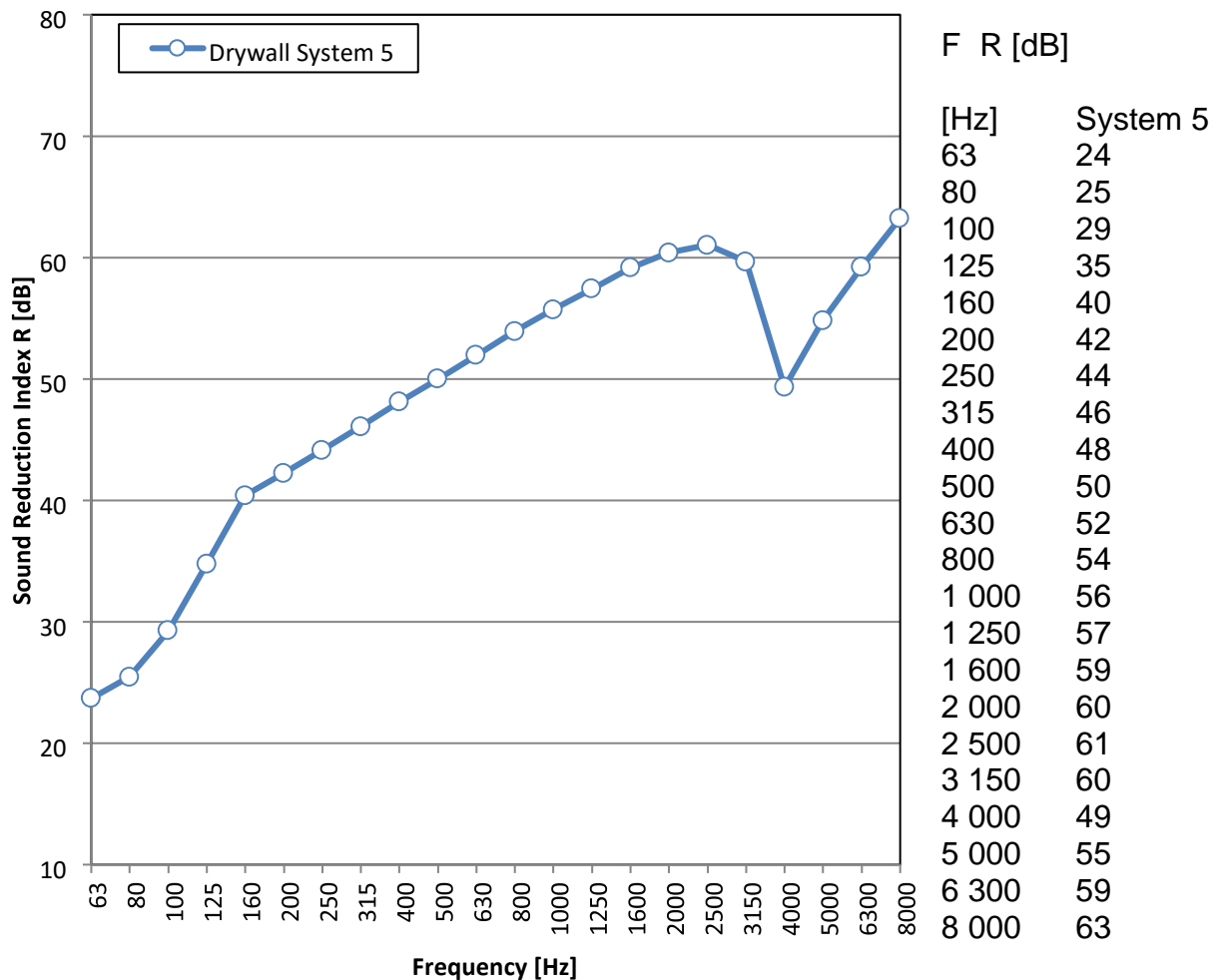
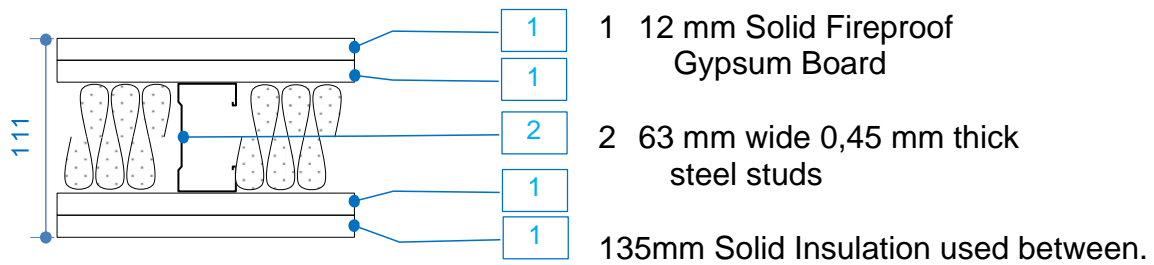


## Fireproof acoustic testing

12 Solid-Fireproof-Gyps [63W 0,45T Steel Stud\_A=63T Cavitybatt {600 Line}] 12

Solid-Fireproof-Gyps\_12 Solid-Fireproof-Gyps

Drywall with overall thickness of 111 mm comprising of 2 x 12 mm 830 kg/m<sup>3</sup> Solid Fireproof Gypsum Boards screw fixed to each side of 63 x 0,45 mm steel studs spaced 600 mm apart. Cavity contains 75mm thick Solid insulation 10.8kg/m<sup>3</sup>.



ISO 717 Weighted Airborne Sound Reduction Index [dB]	R <sub>w</sub>	52
--	----------------	----

ISO 717 Spectrum 1 Adaptation Term [dB]	C	-1
ISO 717 Spectrum 2 Adaptation Term [dB]	C <sub>tr</sub>	-7