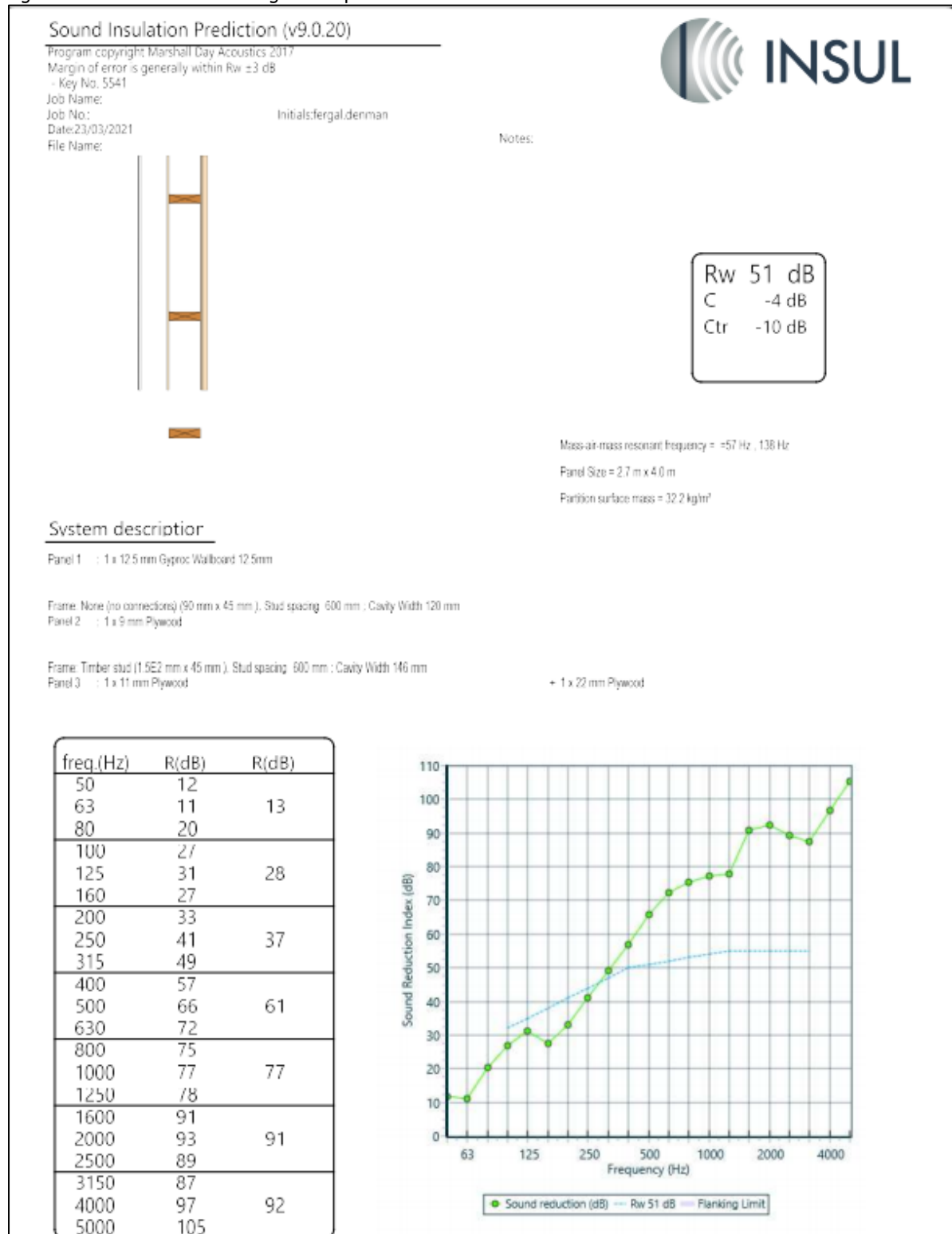


Please see below the modelling results of the existing cladding build-up:



Figure 2: Insul Model of Existing Build-up.

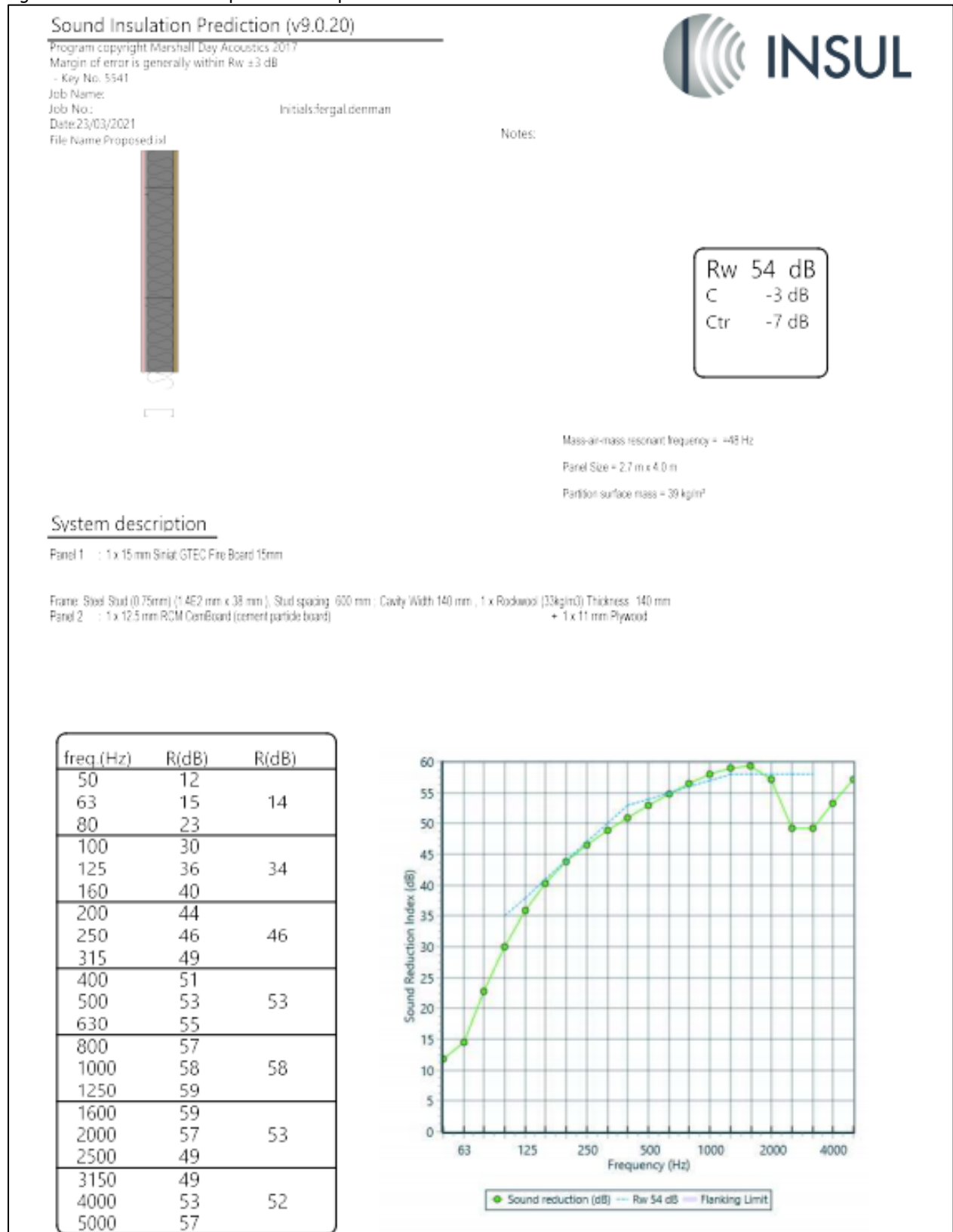


As can be seen from the above model, the current cladding system is predicted to achieve a weighted reduction index of 51 R_w .

Please see below the modelling results of the proposed cladding build-up:



Figure 3: Insul Model of Proposed Build-up.



As can be seen from the above model, the proposed cladding construction is predicted to achieve weighted reduction index of 54 R_w .



Based on the modelling of both the proposed and existing it is clearly evident that the proposals to change the cladding system at St George Island will not "*compromise the sound insulation and internal noise levels at the development*" and it will in fact improve the acoustic performance of the building.

Resultantly the planning requirement has been met.

Best Regards

Fergal Denman BSc (Hons), TechIOA
Consultant for Acoustic Consultants Ltd



ACOUSTIC
CONSULTANTS LTD

Head Office: 194 West Street, Bedminster, Bristol, BS3 3NB
T: 0117 986 2956

www.acoustic-ltd.co.uk

Registered Office: 194 West St, Bristol, BS3 3NB Registered No: 8544901