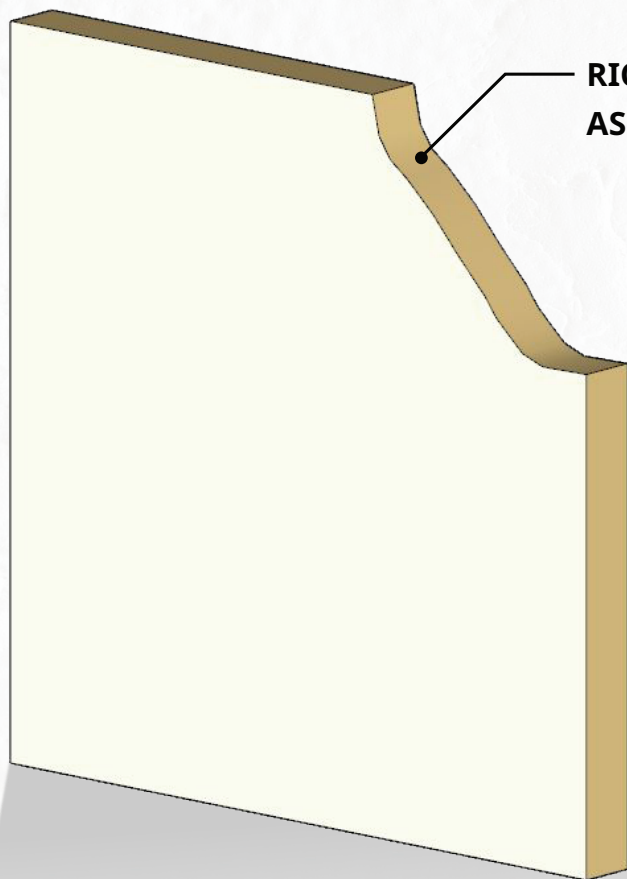




LABORATORY REPORT ON

Airborne Sound Transmission-Loss
Measurement of

The Sandwich Panel



RICCO MODEL RC-FR100-4 SANDWICH PANEL
ASBESTOS INSULATION 100 MM. Density 125KG/M³

STC 24 - Sandwich Panel Core Rockwool



INSTALLATION

Table 1. The airborne sound transmission-loss (TL) for each individual 1/3 octave band center frequency and STC rating of the test sample.

Test panel: *RICCO* sandwich panel (100 mm. of thickness).
Client: SUPA RICH Co., Ltd.
Test sample size: 3040mm. x 2440mm. x 100mm.
Date of test: 14 November 2022.
Temperature: 27°c
Relative humidity: 50%

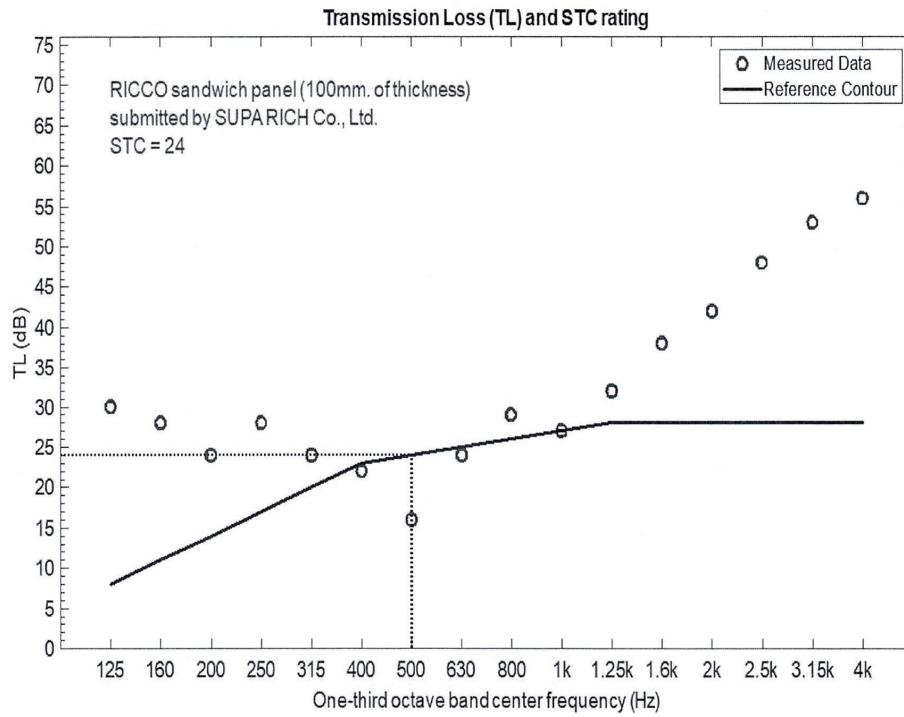
Frequency (Hz)	TL (dB)
125	30
160	28
200	24
250	28
315	24
400	22
500	16
630	24
800	29
1000	27
1250	32
1600	38
2000	42
2500	48
3150	53
4000	56

STC 24
 Maximum Deficiency 8 dB
 Sum of Deficiency 10 dB




RESULT

Figure 1. The airborne sound transmission-loss (TL) and the STC rating of the test sample.



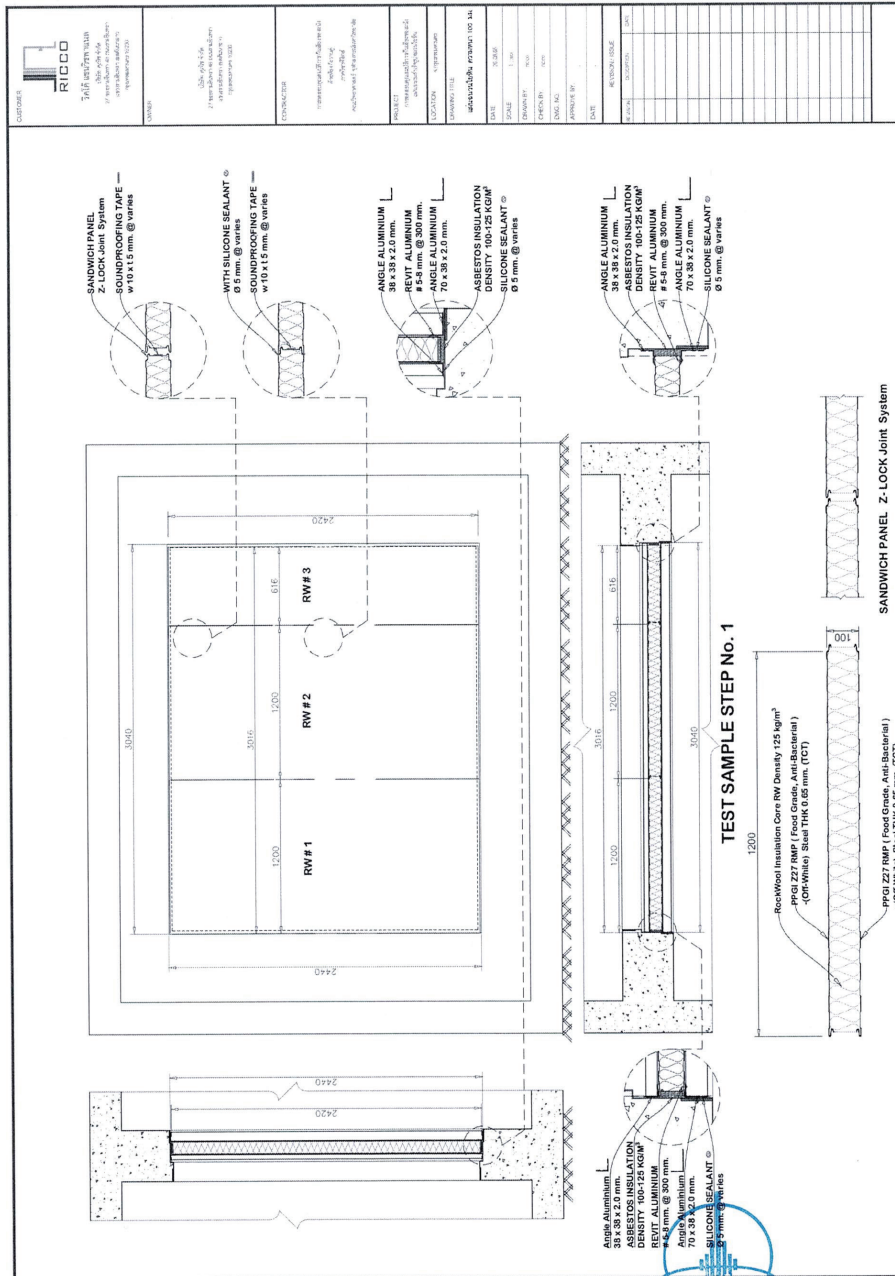

ศูนย์บริการวิชาการ
มหาวิทยาลัยเทคโนโลยีพระจอมเกล้าธนบุรี

Chalermwong

 TL measurement report of RICCO sandwich panel.

RESULT

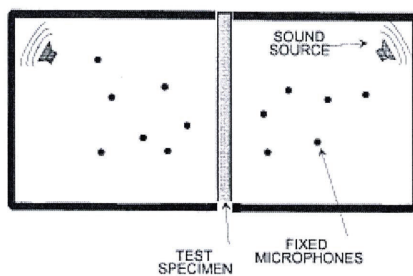
Figure 2. Specification of the test sample.




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พระนครเหนือ
Chelasing

TL measurement report of RICCO sandwich panel.

Figure 3. Schematic drawing of the measurement set-up in a double-reverberation chamber.



 TL measurement report of *RICCO* sandwich panel.

RESULT