

Sound transmission Loss test according to ASTM E90

TLA-05-054

CLIENT: Quiet Solution
 CONTACT: Brándon Tinianov

Specimen ID: B3440-3W
 Contract Number: B3440

DATE 15-Dec-2005

SPECIMEN AREA : 8.92 m²

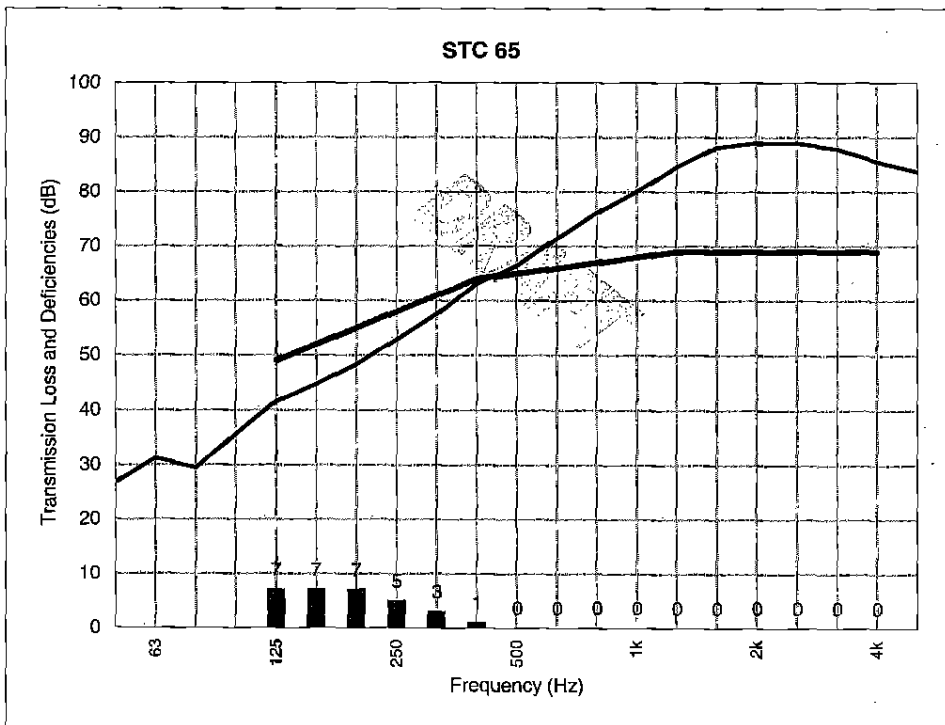
SPECIMEN CODE : OTH15(0)_GFB90_WS92(406)_AIR75_WS92(406)_GFB90_OTH15(0)

Specimen Long Description:

15mm Other 0 mm / 90mm Glass Fibre Batts / 92mm Wood Studs 406 mm / 75mm Air / 92mm Wood Studs 406 mm / 90mm Glass Fibre Batts / 15mm Other 0 mm

Notes

QUIETSEAL acoustical sound sealant installed between the joints of the QR-525 then the joints were covered with metal tape. Our usual latex caulking was installed around the perimeter of the specimen then covered with metal tape. 41mm long, type S screws spaced 406mm along the edges and in the field were used for the QR-525. The QR-525 was installed staggered so no joints line up with the joints from the QR-525 on the other side.



Freq	TL
50	26.8
63	31.2
80	29.4
100	35.7
125	41.6
160	44.8
200	48.3
250	53.0
315	57.5
400	63.1
500	66.5
630	71.4
800	76.1
1000	80.0
1250	84.6
1600	88.2
2000	88.9
2500	88.9
3150	87.9
4000	85.5
5000	83.6
6300	81.6

R _w	63
OITC	47

Tested by *[Signature]*

Checked by QUIRTD
 Date Verified 12/19/2005 10:43