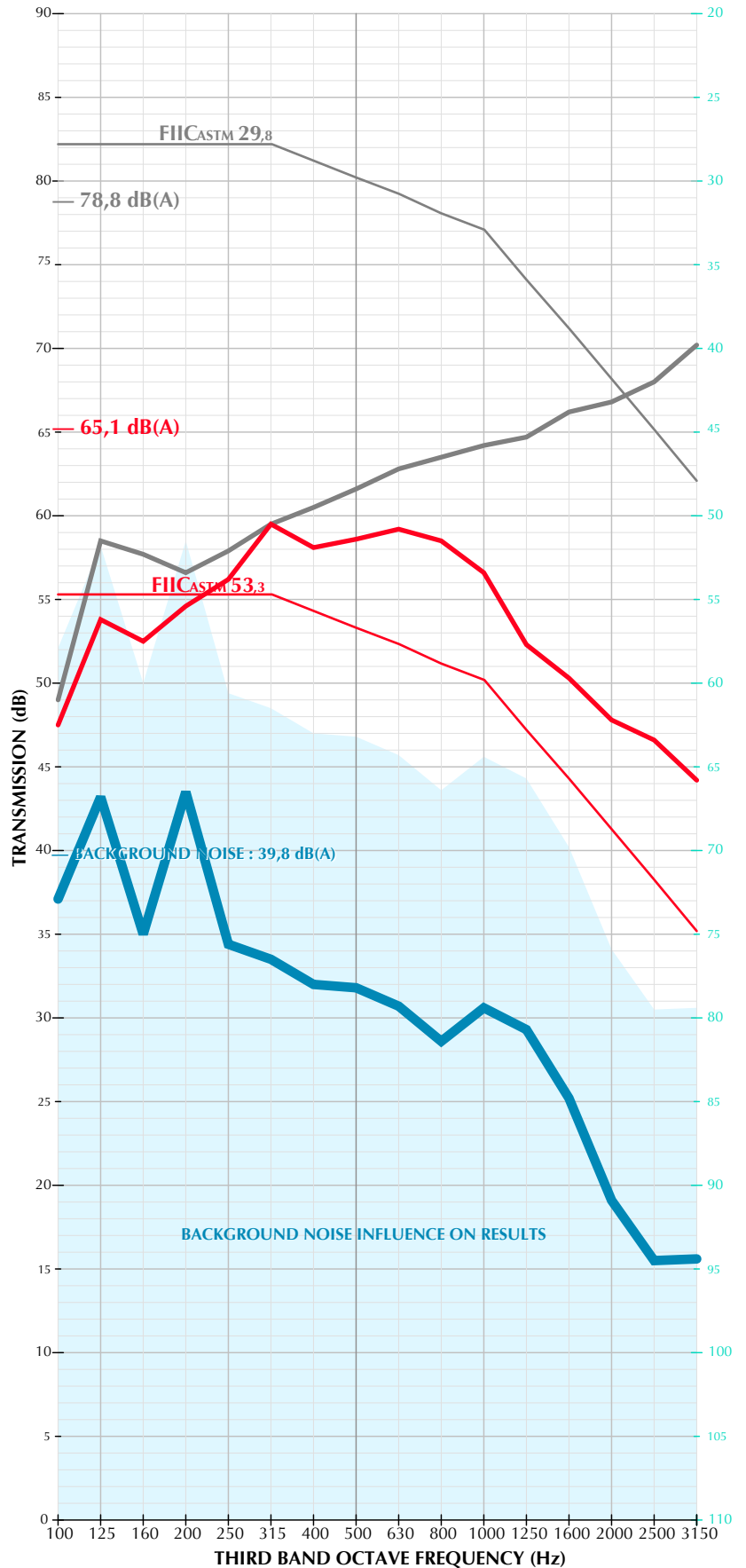
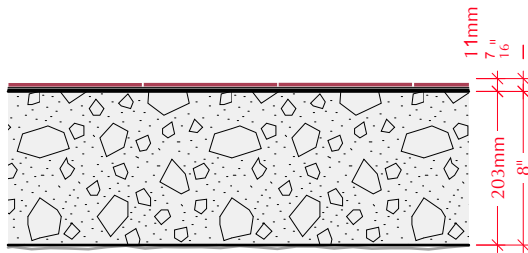


IMPACT INSULATION

MEASUREMENTS CONDITIONS [31]:

Small bedroom/office
Painted walls
Floor in bare concrete
Volume = 1208 cu.ft./34,2 m³
Floor surface = 136 sq.ft./12,7 m²

ASTM E 1007-97 — Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures
ASTM E 989-89 (Reapproved 1994) — Standard Classification for Determination of Impact Insulation Class (IIC)



Céramic Tile / Glue (Robert # 1407)
Duraquiet 3,0 mm / Glue (Omni Grip)

FIIC _{ASTM}	dB(A)	$\sum \Delta$	n Δ	Δ_{max}
53	65,1	31,0	11	5,5

Concrete slab

FIIC _{ASTM}	dB(A)	$\sum \Delta$	n Δ	Δ_{max}
29	78,8	10,7	2	8,0

MEASUREMENTS CONDITIONS [21]:

Small bedroom/office
With furniture
Painted walls
Door closed
Volume = 1208 cu.ft./34,2 m³
Ceiling surface = 136 sq.ft./12,7 m²