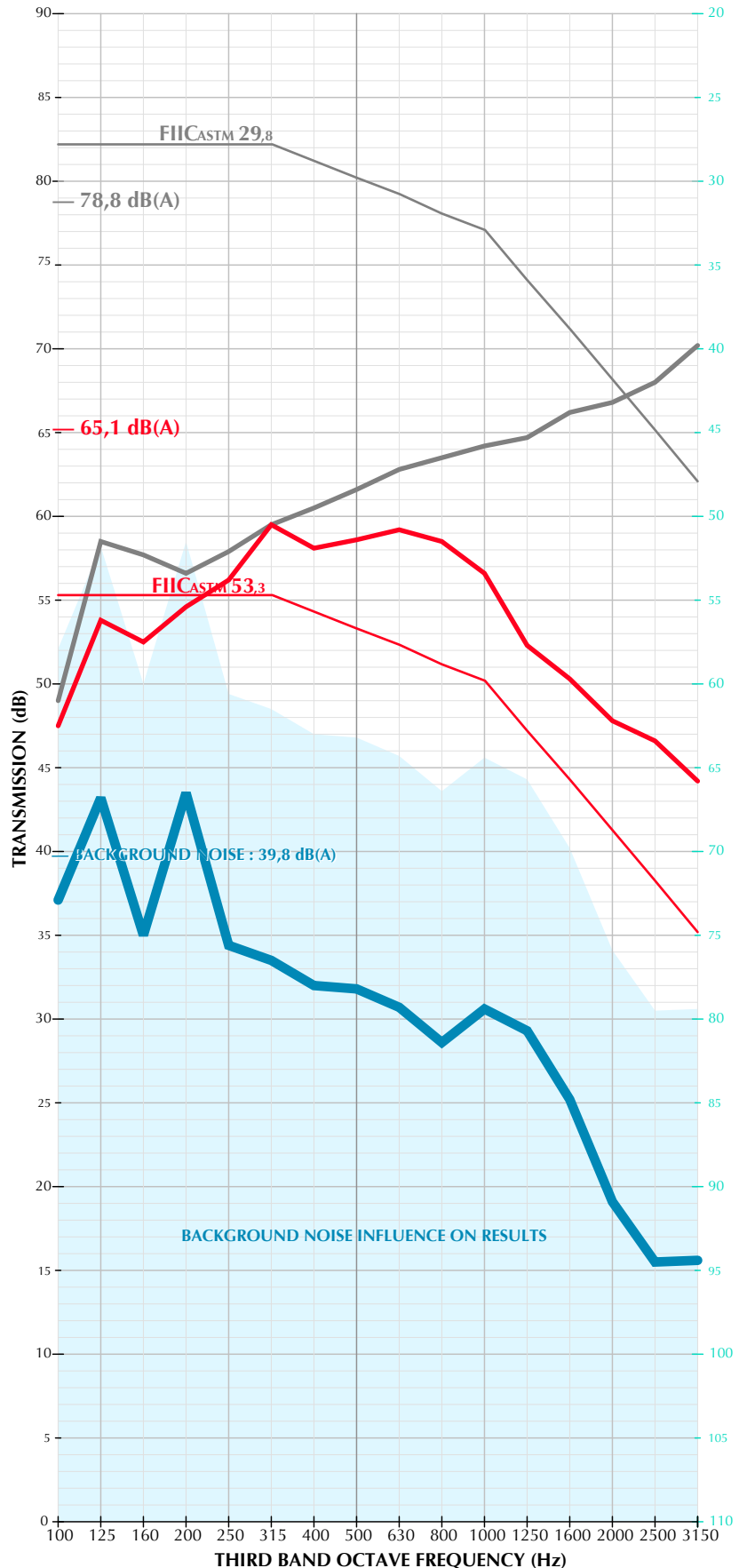
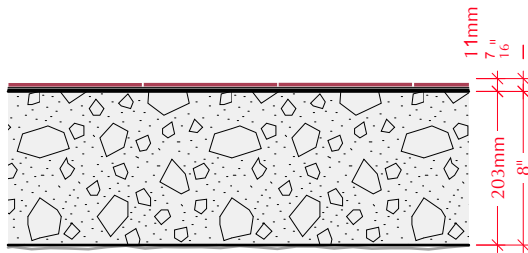


**IMPACT INSULATION**

**MEASUREMENTS CONDITIONS [31]:**

Small bedroom/office  
Painted walls  
Floor in bare concrete  
Volume = 1208 cu.ft./34,2 m<sup>3</sup>  
Floor surface = 136 sq.ft./12,7 m<sup>2</sup>

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)

FII <sub>CASTM</sub>	dB(A)	$\sum \Delta$	n $\Delta$	$\Delta_{max}$
<b>53</b>	<b>65,1</b>	<b>31,0</b>	11	5,5

**Concrete slab**

FII <sub>CASTM</sub>	dB(A)	$\sum \Delta$	n $\Delta$	$\Delta_{max}$
<b>29</b>	<b>78,8</b>	<b>10,7</b>	2	<b>8,0</b>

**MEASUREMENTS CONDITIONS [21]:**

Small bedroom/office  
With furniture  
Painted walls  
Door closed  
Volume = 1208 cu.ft./34,2 m<sup>3</sup>  
Ceiling surface = 136 sq.ft./12,7 m<sup>2</sup>