

## 3.3 California VOC

### California's Section 01350 IAQ Emission

Fellert Acoustical Ceiling Plaster System product was tested for low emitting materials. Testing was conducted in small environmental chambers following the principles of ASTM D5116 with defined product specific test protocols of IAQ emission requirements of California's Section 01350. The test data obtained on these specific products were evaluated relative to the emission requirements in Section 1350 of the **"Material Specification for Schools and Offices"** ([http://www.chps.net/manual/documents/Sec\\_01350.doc](http://www.chps.net/manual/documents/Sec_01350.doc)).

Calculations were performed using the parameters below to estimate the concentrations of VOCs of concern for use in a classroom environment and in an office environment.

Test report number **16191-01**  
Test report date **December 16, 2008**  
Objective **Determine the volatile organic content (VOC) of an acoustic plaster sample**  
Product tested **Fellert Acoustical Plaster**

Ventilation Rate	Room Volume	Surface Area Product Covers
<b>CLASSROOM</b>		
0.90 air changes per hour (ach)	12.19 m x 7.32 m x 2.59 m = 231.1m <sup>3</sup> (40 x 24 x 8.5 ft. = 8,160 ft. <sup>3</sup> )	89.2 m <sup>2</sup>
<b>OFFICE</b>		
0.75 air changes per hour (ach)	3.05 m x 3.66 m x 2.74 m = 30.6m <sup>3</sup> (10 x 12 x 9.0 ft. = 1,080 ft. <sup>3</sup> )	11.1 m <sup>2</sup>

**Results:** The product mentioned above as received and tested meets the Section 1350 requirements for use in a classroom or office with the above parameters.



LABORATORY CERTIFICATION

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ISO 9001:2000 registered and ISO 17025/AIHA EMLAP accredited microbiological laboratory

