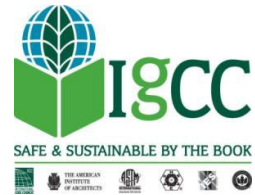


**City of Scottsdale**  
**2021 International Green Construction Code (IgCC)**  
**Building Product Emissions Checklist**



rev. 12-27-24

Include the following IgCC product emission/volatile organic compound (VOC) limits as part of the project finish schedule. Products that are certified under nationally recognized third-party certification programs such as UL GreenGuard are deemed to comply with these provisions.

- 801.4.2.1 Adhesives and sealants.** Not less than 85% by weight or volume of site-applied adhesives and sealants used on the interior of the building envelope shall comply with the VOC content limits in Table 801.4.2.1.

**Table 801.4.2.1 – Adhesives and Sealants VOC Content Limits**

<b>ADHESIVES</b>	<b>VOC Limits grams/liter</b>
Building envelope membrane adhesive	250
Carpet and carpet pad adhesives	50
Ceramic Tile Adhesives	65
Cove base adhesives	50
Drywall and panel adhesives	50
Multipurpose construction adhesives	70
Rubber floor adhesives	60
Structural Glazing Adhesives	100
Subfloor adhesive	50
VCT and asphalt tile adhesives	50
Wood flooring adhesives	100
<b>SEALANTS</b>	
Architectural sealants including foam and grout	250

- 801.4.2.2 Paints and coatings.** Not less than 85% by weight or volume of site-applied paints and coatings used on the interior of the building envelope shall comply with the VOC content limits of Table 801.4.2.2.

**Table 801.4.2.2 – Paints and Coatings VOC Limits**

<b>PAINTS AND COATINGS</b>	<b>VOC Limits grams/liter</b>
Flat paints	50
Nonflat paints	50
Nonflat high-gloss paints	150
<b>SPECIALTY COATINGS</b>	
Concrete and masonry sealers	100
Floor coatings	50
Primers, sealants and undercoats	100
Stains	250
Wood coatings	275

- 801.4.2.3 Floor covering materials.** Not less than 85% of total area of flooring installed within the interior the building envelope shall comply with the VOC emission limits of Table 801.4.2.3 or Table 801.4.2.3.1.

**Table 801.4.2.3 – Floor Covering VOC Emission Limits**

VOC	Limit
Individual	≤½ CA chronic REL <sup>a</sup>
Formaldehyde	≤16.5 µg/m <sup>3</sup> or ≤13.5 ppb

<sup>a</sup> CA Chronic Reference Exposure Level (CREL).

**Table 801.4.2.3.1 – Floor Covering Materials Deemed to Comply with VOC Emission Limits**

Ceramic and concrete tile	Concrete masonry
Natural stone	Concrete
Gypsum plaster	Metal
Clay masonry	

- 801.4.2.4 Composite woods, agrifiber products and laminated products.** Composite wood and laminated products applied on the interior of the building shall comply with the VOC emission limits of IgCC Section 801.4.2.4.

- 801.4.2.6 Acoustical ceiling tiles and wall systems.** Not less than 85% of total area of acoustical ceiling tiles and wall systems applied on the interior of the building envelope shall comply with the VOC emission limits of Table 801.4.2.6 or Table 801.4.2.6.1.

**Table 801.4.2.6 – Acoustical Ceiling Tiles and Wall Products VOC Emission Limits**

VOC	Limit
Individual	≤½ CA chronic REL <sup>a</sup>
Formaldehyde	≤16.5 µg/m <sup>3</sup> or ≤13.5 ppb

<sup>a</sup> CA Chronic Reference Exposure Level (CREL).

**Table 801.4.2.6.1 – Ceiling and Wall Products Deemed to Comply with VOC Emission Limits**

Ceramic and concrete tile	Concrete masonry
Natural stone	Concrete
Gypsum plaster	Metal
Clay masonry	

Scottsdale green code link – <https://www.scottsdaleaz.gov/green-building-program/green-codes>