

## 2305.3

### Errata IBC Chapter 23 WOOD

**Code/Standard:** IBC 2021

**Applies to following Printings:** 1<sup>st</sup> & 2<sup>nd</sup>

**Section/Table/Figure Number:** 2305.3

**Posted:** February 13, 2026

#### Correction:

**2305.3 Shear wall deflection.** The deflection of wood-frame *shear walls* shall be determined in accordance with AWC SDPWS. The deflection ( $\Delta_{sw}$ ) of a blocked *wood structural panel* shear wall uniformly fastened throughout with staples is permitted to be calculated in accordance with Equation 23-2.

$$\Delta_{sw} = 8vh^3/EAb + vh/4Gt + 0.75he_n + d_a h/b \quad (\text{Equation 23-2})$$

For SI:  $\Delta_{sw} = 2vh^3/3EAb + vh/Gt + he_n/407.6 + d_a h/b$

where:

$A$  =Area of end-post cross section in square inches ( $\text{mm}^2$ ).

$b$  =Shear wall length, in feet (mm).

$d_a$  =Total vertical elongation of wall anchorage system (such as fastener slip, device elongation, rod elongation) in inches (mm), at the induced unit shear in the shear wall ( $v$ ).

$E$  =Modulus of elasticity of end posts, in pounds per square inch ( $\text{N/mm}^2$ ).

$e_n$  =Staple slip, in inches (mm) [see Table 2305.2(1)].

$Gt$  =Panel rigidity through the thickness, in pounds per inch ( $\text{N/mm}$ ) of panel width or depth [see Table 2305.2(2)].

$h$  =*Shear wall* height, in feet (mm).

$v$  =Induced unit shear, in pounds per linear foot ( $\text{N/mm}$ ).

$\Delta_{sw}$  =Maximum *shear wall* deflection determined by elastic analysis, in inches (mm).

**Correlation Notes:** Deletes the 4 from the denominator in the second term of the english version of Eq 23-2 to correlate with S284-16 and corrects the metric (SI) conversion.

## 2306.1

<b>Errata      IBC Chapter 23 Wood</b>
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**Code/Standard:** IBC 2021

**Applies to following Printings:** 1<sup>st</sup> and 2<sup>nd</sup>

**Section/Table/Figure Number:** 2306.1

**Posted:** January 14, 2022

**Correction:**

**2306.1 Allowable stress design.** The design and construction of wood elements in structures using allowable stress design shall be in accordance ~~with the following applicable standards:~~ applicable standards listed in Table 2306.1.

**Correlation Notes:**