

MechSE WELLness

X14 Material Transparency

Intent: Minimize the impact of hazardous building material ingredients on indoor air quality, protect the environment and health of workers, and support the demand for safer chemical alternatives.

The global supply chain for material production is multi-tiered and complex. The level of technical and chemical knowledge throughout the supply chain can also vary greatly. Due to a lack of robust data and transparency, the adoption of safer chemicals is not well understood or practiced in the industry. Building and construction materials are not required to have complete ingredient lists, which makes it difficult to make fully informed choices when selecting safer products.

Impact: Consumer access to material ingredient content through product labeling can help educate consumers and drive market demand for safer ingredients, protect public health, and enable market transformation.

What are the requirements to earn this credit?

1. Newly installed interior finishes and finish materials, furnishings, and built-in furniture minimally meet 25% compliance by cost, with subsequent goal of 50%, with two or more of the following regulating bodies: a) Declare Label, b) Health Product Declaration, c) Any screening or hazard disclosure method accepted in LEED v4 MR Credit, Option 1, or d) International Living Future Institute, Living Building Challenge's Materials Petal imperatives.

How is MechSE accomplishing these requirements?

MechSE Facilities works with designers to ensure we meet the above criteria and push for advancements in the building industry. All building materials and furnishings are reviewed for approval by the Facilities Office before purchase, delivery or use. The Facilities Office will seek to maintain an accessible, digital library of available research, furniture, furnishings, building materials and vendors that facilitate policy compliance and occupant education. Web links to sites will be provided where possible.



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