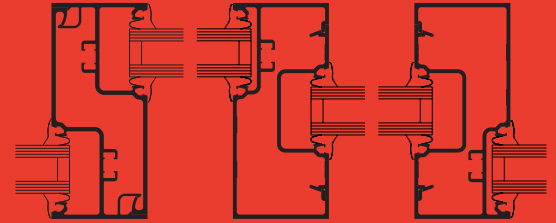


# PRODUCT GREEN GUIDE

## Trifab™ Versaglaze™ 451 Framing

Designed to add increased performance and value, Kawneer's options within the company's trusted Trifab™ platform gives you more. More flexibility. More options. More design choices.



## RATING SYSTEMS

### LEED v4 BD+C: New Construction

- EA: Optimize Energy Performance
- EA: Renewable Energy Production
- MR: Environmental Product Declarations
- MR: Sourcing of Raw Materials
- MR: Material Ingredients
- MR: Source Reduction - Lead, Cadmium, and Copper
- MR: Construction and Demolition Waste Management
- EQ: Thermal Comfort
- EQ: Daylight
- EQ: Quality Views
- EQ: Acoustic Performance

### Living Building Challenge 3.1

- |   |   |
|---|---|
| <input type="radio"/> IMP 06: Net Positive Energy                 | <input type="radio"/> IMP 12: Responsible Industry                  |
| <input type="radio"/> IMP 07: Civilized Environment               | <input checked="" type="checkbox"/> IMP 13: Living Economy Sourcing |
| <input checked="" type="checkbox"/> IMP 08: Healthy Interior      | <input checked="" type="checkbox"/> IMP 14: Net Positive Waste      |
| <input checked="" type="checkbox"/> IMP 09: Biophilic Environment | <input type="radio"/> IMP 16: Universal Access                      |
| <input checked="" type="checkbox"/> IMP 10: Red List              |   |

### WELL Building Standard

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> 01: Air Quality Standards       | <input checked="" type="checkbox"/> 28: Cleanable Environment       |
| <input type="radio"/> 03: Ventilation Effectiveness                 | <input checked="" type="checkbox"/> 54: Circadian Lighting          |
| <input checked="" type="checkbox"/> 04: VOC Reduction               | <input type="radio"/> 56: Solar Glare Control                       |
| <input type="radio"/> 08: Healthy Entrance                          | <input checked="" type="checkbox"/> 61: Right to Light              |
| <input checked="" type="checkbox"/> 11: Fundamental Material Safety | <input checked="" type="checkbox"/> 62: Daylight Modeling           |
| <input checked="" type="checkbox"/> 12: Moisture Mgmt               | <input checked="" type="checkbox"/> 63: Daylight Fenestration       |
| <input checked="" type="checkbox"/> 14: Air Filtration Mgmt         | <input type="radio"/> 72: Accessible Design                         |
| <input type="radio"/> 15: Increased Ventilation                     | <input checked="" type="checkbox"/> 74: Exterior Noise Intrusion    |
| <input type="radio"/> 19: Operable Windows                          | <input type="radio"/> 76: Thermal Comfort                           |
| <input checked="" type="checkbox"/> 25: Toxic Material Reduction    | <input checked="" type="checkbox"/> 97: Material Transparency       |
| <input type="radio"/> 26: Enhanced Material Safety                  | <input checked="" type="checkbox"/> 98: Organizational Transparency |

## FEATURES

- 2" (50.8mm) sightline
- 4-1/2" (114.3mm) depth
- Infill options up to 1-1/8" (28.6)
- Non thermal performance
- Center, back, front, multi-plane glazed options
- Structural silicone glazed (SSG) options
- Flush glazed from either the inside or outside
- Screw Spline, Shear Block, Stick or Type-B fabrication
- Single-span
- Storefront, Ribbon Window or Punched Openings
- Standard anodized finishes only

## DOCUMENTS



### Environmental Product Declaration

Document no. 47868332121.104.1  
Product-specific Type III EPD



### Material Transparency Summary

Document no. MTSC020EN  
Manufacturer Material Ingredient Inventory