



LVT Glue-down Spec Sheet ShowHome

Version: ROW

Country of Origin: Made in China

Last update: 27.08.2024

TECHNICAL SPECIFICATIONS

| | |
|-------------------|-------|
| Product type | LVT |
| Overall thickness | 2.5mm |
| Wear layer | 0.5mm |

| | |
|--------------|----------------------|
| Installation | Glue-down |
| Bevel | Cut bevel on 4 sides |
| Finish | UV coating |

CLASS OF USE AND WARRANTY

| | |
|-------------------|------------------|
| Domestic | 23 Heavy |
| Domestic Warranty | Lifetime Limited |

| | |
|---------------------|------------------|
| Commercial | 33 Heavy |
| Commercial Warranty | 15 Years Limited |

CERTIFICATIONS

| | |
|------------|-----------|
| CE Marking | Compliant |
| IAC Gold | Compliant |

| | |
|-----------------|-----------|
| GreenGuard Gold | Compliant |
|-----------------|-----------|

CHEMICAL PROPERTIES

| Norm | Item | Test method | Requirement | Result |
|--------------------|------------------|------------------------------|----------------|-----------|
| EN 14041 | Emissions | EN 717-1 | ≤0.12 mg/m3 | Compliant |
| Decret No.2011-321 | Emissions | ISO 16000 | TVOC<1000µg/m3 | Compliant |
| Prop 65 | Orthophthalates | Spectrometry | ND | Compliant |
| CPSIA & Prop 65 | Ortho-Phthalates | CPSC-CH-C-1001-09.4 | N.D. | Compliant |
| REACH | SVHC | Spectrometry, chromatography | ≤0.1% (w/w) | Compliant |

PHYSICAL PROPERTIES

| Norm | Item | Test Method | Requirement | Result |
|-----------|------------------------------|--------------------------------|--|-----------|
| ISO 10582 | Length tolerance | ISO 24342 | ≤0.15% of nominal L up to max 0.5mm | Compliant |
| | Width tolerance | ISO 24342 | ≤0.1% of nominal L up to max 0.5mm | Compliant |
| | Thickness tolerance | ISO 24346 | +0.13mm/-0.1mm | Compliant |
| | Wear layer thickness | ISO 24340 | +13%/-10% | Compliant |
| | Dimensional stability | ISO 23999 | ΔW/ΔL ≤ 0.25% | Compliant |
| | Curling | ISO 23999 | ≤2mm | Compliant |
| | Residual Indentation | ISO 24343-1 | ≤0.1mm | Compliant |
| | Castor chair | ISO 4918 | Slight change only | Compliant |
| | Light fastness (Blue wool) | ISO 105-B02:2014 Method 3A | ≥Grade 6 | Compliant |
| EN 16511 | | ASTM F1515 | ΔE ≤8 | Compliant |
| | Martindale (Gloss retantion) | EN 16094 | ≤MSR-A3 | Compliant |
| | Martindale (Micro-scratch) | EN 16094 | ≤MSR-B3 | Compliant |
| | Furniture leg | EN ISO 16581 | No visible change | Compliant |
| | Resistance to staining | EN 438-2 | Group 1 and 2: Grade 5 Group 3: Grade 4 | Compliant |
| EN 14041 | Thermal resistance (R) | EN 12664/ASTM C518 | NA | Compliant |
| | Slip resistance | EN 13893 | ≥0.3 | Compliant |
| | Reaction to fire | EN 13501-1 | Bfl-s1 | Compliant |
| Others | Slip resistance | DIN 51130/DIN EN 16165 Annex D | ≥R9 | Compliant |

LEED SCORECARD

How our products fit into LEED v4:

| | Credit Type | Points | Criteria | Product Contribution |
|--------------------|--|------------|--|--|
| LEED BD+C and ID+C | EQ Credit: Low-Emitting Materials | 1-3 points | Option 1. Product has been tested according to California Department of Public Health (CDPH) Standard Method v1.2–2017 and complies with the VOC limits in Table 4-1 of the method. Additionally, the range of total VOCs after 14 days (336 hours) was measured as specified in the CDPH Standard Method v1.2 and is reported (TVOC ranges: 0.5 mg/m3 or less, between 0.5 and 5 mg/m3, or 5 mg/m3 or more). | CFL LVT products are GreenGuard Gold certified. |
| | | | Option 2. Product has been tested according to EN 16516:2017 and complies with the LCI values from Table 1 of the German AgBB Testing and Evaluation Scheme (2015) and a formaldehyde limit of 10 micrograms per cubic meter. Additionally, the range of total VOCs after 28 days was measured as specified in EN 16516 and reported (TVOC ranges: 0.5 mg/m3 or less, between 0.5 and 5 mg/m3, or 5 mg/m3 or more). | CFL Rigid Core products are IAC Gold certified, including compliance with German AgBB testing. |
| | MR Credit: Building Product Disclosure and Optimization – Material Ingredients | 1 point | Option 1. Material Ingredient Optimization International Alternative Compliance Path – REACH Optimization (value at 100% of cost or 1 product). End use products and materials have fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization List – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list, (the version in effect June 2013,) proving that no such substance is included in the product. If the product contains no ingredients listed on the REACH Authorization, Restriction, and Candidate list. | CFL LVT products are REACH compliant. |

WELL SCORECARD

The WELL Building Standard is founded on the understanding that facets of our environment interact with personal, genetic and behavioral factors to shape our overall health and well-being. By compiling leading practices in building design and management and referencing existing standards and best practice guidelines set by governmental and professional organizations, WELL works to harmonize and clarify existing thresholds and requirements.

| Facet | Feature | Part | Requirements | Concept score | How our product contribute to obtain WELL level certification |
|-------|---------|------|--------------|---------------|---|
|-------|---------|------|--------------|---------------|---|

AIR

| | | | | |
|---------------------------------|--|--|--------------|---|
| 01. Air quality standards | 1. Standards For Volatile Substances | <p>The following conditions are met:</p> <p>a. Formaldehyde levels less than 27ppb (0.027ppm)</p> <p>b. Total volatile organic compounds less than 500ug/m3 (0.5mg/m3)</p> | PRECONDITION | <p>a. Formaldehyde emission are less than 27 ppb.</p> <p>b. The total volatile organic compounds are less than 0.5mg/m3.</p> |
| | | | | |
| 04. VOC Reduction | 1. Interior Paints and Coatings | <p>The VOC limits of newly applied paints and coating meet one of the following requirements:</p> <p>a. 100% of installed products meet California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings, or South Coast Air Quality Management District (SCAQMD) Rule 1113, effective June 3, 2011 for VOC content.</p> <p>b. At minimum 90%, by volume, meet the California Department of Public Health (CDPH) Standard Method v1.1-2010 for VOC emissions</p> | PRECONDITION | <p>a. The VOC limits for California Air Resources Board (CARB) are less than 0.11ppm.</p> <p>b. Measured Concentration of Total Volatile Organic Compounds (TVOC): Less than/equal to 0.5 mg/m3 (in compliance with CDPH/EHLB Standard Method v1.1-2010).</p> <p>The product is GreenGuard Gold certified</p> |
| | 3. Flooring | <p>The VOC emissions of all newly installed flooring must meet all limits set by the following, as applicable:</p> <p>a. California Department of Public Health (CDPH) Standard Method v1.1-2010.</p> | PRECONDITION | <p>Conforms to the CDPH/EHLB Standard Method v1.1-2010 (California Section 01350), effective January 1, 2012, for the school classroom and private office parameters when modeled as Flooring.</p> <p>The product is GreenGuard Gold certified</p> |
| 11. Fundamental Material Safety | 1. Asbestos and Lead Restriction | <p>All newly-installed building materials meet the following materials composition requirements:</p> <p>a. No asbestos.</p> <p>b. Not more than 100 ppm (by weight) added lead.</p> | PRECONDITION | <p>a. No asbestos</p> <p>b. The product contain less than 100 ppm.</p> |
| | 2. Lead Abatement | <p>For repair, renovation or painting on buildings constructed prior to any applicable laws banning or restricting lead paint, lead evaluation and abatement.</p> | PRECONDITION | <p>The product contain less than 90 ppm.</p> |
| | 3. Asbestos Abatement | <p>To reduce hazards in buildings constructed prior to any applicable laws banning or restricting asbestos, the following testing, evaluation and abatement.</p> | PRECONDITION | <p>The product contain less than 90 ppm.</p> |
| 25. Toxic Material Reduction | 2. Flame Retardant Limitation | <p>Halogenated flame retardants are limited in the following components to 0.01% (100 ppm) to the extent allowable by local code:</p> <p>a. Window and waterproofing membranes, door and window frames and siding.</p> <p>b. Flooring, ceiling tiles and wall coverings.</p> <p>c. Piping and electrical cables, conduits and junction boxes.</p> <p>d. Sound and thermal insulation.</p> <p>e. Upholstered furniture and furnishings, textiles and fabrics.</p> | OPTIMIZATION | <p>The product don't contain halogenated flame retardants</p> |
| | 3. Phthalate (Plasticizers) Limitation | <p>DEHP, DBP, BBP, DINP, DIDP or DNOP (often found in polyvinyl chloride [PVC]) are limited in the following components to 0.01% (100 ppm):</p> <p>a. Flooring, including resilient and hard surface flooring and carpet.</p> <p>b. Wall coverings, window blinds and shades, shower curtains, furniture and upholstery.</p> <p>c. Plumbing pipes and moisture barriers.</p> | OPTIMIZATION | <p>In accordance with US Consumer Product Safety Improvement Act 2008 (CPSIA) (H.R.4040) Title I, Section 108 & California Proposition 65 & Annex XV II item 51&52 of the REACH Regulation (EC) No. 1907/2006 and amendment No. 552/2009, the product contains less than 100ppm.</p> |
| | 5. Urea-Formaldehyde Restriction | <p>Urea-formaldehyde presence is limited in the following components to 100 ppm:</p> <p>a. Furniture or any composite wood products.</p> <p>b. Laminating adhesives and resins.</p> <p>c. Thermal insulation.</p> | OPTIMIZATION | <p>The product contains urea-formaldehyde less than 100ppm.</p> |

END OF DOCUMENT