

Monadnock Envi® Wallgraphics

Prepasted C2894-148 228 gsm



Architectural Specification

Type of Material: Renewable Wood-Fiber Based Wallcovering for Inkjet Printing with UV and Latex Inks

Bolt Dims: 54" x 100 feet on 3" Core, Bagged and Boxed

Physical Construction: Durable paper with inkjet print receptive coating and water activated adhesive on back

| Physical Properties | | |
|------------------------------|---|--|
| Content | PVC-free renewable wood fiber-based substrate | Polymer-reinforced cellulosic pulp with durable inkjet compatible coating and a non-toxic water activated adhesive on back |
| Backing (or Adhesive) | Water-activated adhesive | Factory applied for superior coating consistency |

| Material Performance/ Tolerance | | |
|--|--|--|
| Indoor Air Quality * | Suitable for school classrooms and private offices | CA 01350 - Third-party tested by Berkeley Analytical. Test certificate available upon request. |
| Fire Rating | Class A for Smoke and Flame Spread | ASTM E-84 - Third-party tested by Commercial Testing Company. Test certificate available upon request. |
| Permeability (Breathability) Rating | Water Transmission rate as tested under ASTM E96 17.75 Grains / h.ft2 | ASTM E-96 C2896-148 - Third-party tested by Commercial Testing Company. Test certificate available upon request. |
| Washability /Scrubability | Exceeds the category Five Type II commercial serviceability classification | ASTM F793-93 (2004) |

| Printing Compatibility | | |
|--------------------------|---|-------------------|
| Accepted printers | The coated surface is optimized for inkjet printing | Latex and UV inks |

| Environmental/Health/Safety Attributes | | |
|--|---|---|
| Compliance with United States Health and Safety Regulations | In compliance with Lacey Act, REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), and CPSIA (Child Protection Safety and Information Act) | |
| Compliance with European Health and Safety Regulations | European construction product standard for decorative wallcovering | In compliance with EN 15102:2007 for formaldehyde, dangerous substances, heavy metals and specific elements and release of vinyl chloride monomer; and RoHS (Restriction of Hazardous Substances) |
| Percentage of recycled or recyclable content | 10% of total weight post-consumer recycled fiber, based on weight | FSC Certified 100% responsibly sourced fiber |
| Manufactured Carbon Neutral | Emissions related to the manufacture of this product have been offset by Verified Emission Reductions (VERs) certified under the Climate Action Reserve Protocol | |
| Manufactured with Renewable Electricity | All electricity used to manufacture this product has been offset by Green-e certified Renewable Energy Certificated (RECs) | |
| Process Chlorine Free | No chlorine or chlorine derivatives were used in the manufacturing process | |

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| Physical Properties | UOM | Value |
|------------------------|-----------------|---------------|
| Weight | gsm | 228 |
| Color | L/a/b | 95.5/-0.3/2.8 |
| Thickness mils/mm | mils/mm | 9.6 / 0.24 |
| Smoothness (Sheffield) | Sheffield units | 18 |
| Brightness (TAPPI)% | % | 86 |
| Dry Tensile (CD) | pli/kN/m | 38/6.65 |
| Dry Tensil (MD) | pli/kN/m | 55/9.63 |
| Tear Elmendorf (CD) | grams | 200 |
| Tear Elmendorf (MD) | grams | 160 |
| Opacity | % | 98 |
| Gloss (75°) | gloss units | 13 |

Potential Commercial Applications for CA 01350 Indoor Air Quality Compliant Materials

- ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, 8.4.2.6: Ceiling & Wall Systems
- USGBC LEED for Healthcare, 2009 (Feb 2011), IEQ Credit 4: LEM, Group 2 - Wall & Ceiling Finishes
- USGBC LEED for Schools, 2009, IEQ Credit 4.6: LEM - Ceiling & Wall Systems
- Collaborative for High Performance Schools (CHPS) rating system, 2009 Criteria EQ2.2.6: Ceiling & Wall Systems
- Green Guide for Healthcare, V2.2, 2007, EQ Credit 4.2: LEM - Wall & Ceiling Finishes
- ANSI/GBI 01-2010 Green Building Assessment Protocol, 2010, Table 12.2.1-B: Walls

Warranty

Monadnock Paper Mills warrants the unprinted product to the manufacturing specifications which are available upon request.

Disclaimer

Warranty extends to the stated tolerances and performance of wallcovering. Due to variances in printing and installation as well as climate Monadnock Paper Mills, Inc. will not be liable for any fees associated with or incurred by the printing and/or installation of this wallcovering. No claims shall be made to the performance of inked wallcovering to withstand scratching or abrasion. Installation with adhesive other than or in addition to the pre-paste provided on the substrate may adversely affect performance/ strippability and thus will void warranty.

The conditions and method of handling, storage, use and disposal of the products listed above are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or the expense arising out of or in any way connected with the handling, storage, use or disposal of these products.

There are no understandings or representations of any kind whatsoever except as expressly set forth herein.