Ricochet™ Flexible Wall Protection

Suggested Specification

- Durable - Superior Impact and Abrasion Resistance.
- Seamless Appearance.
- Colors Coordinate with Corner Guards and Other Wall Protection.
- 48” (1219mm) x 15 yards (13.72 meters) [widths may vary up to 52” (1321mm) based on pattern].
- Stain Resistant.
- Fungal and Bacterial Resistant.
- Meets CAL 01350 for Low VOC Emissions.
- Rigid vinyl top trim available for half height installations.
PART 1 GENERAL

1.01 SECTION INCLUDES
A. Wall Covering.

1.02 REFERENCE STANDARDS
B. ASTM D3660 - Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
C. ASTM D5420 - Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)
E. ASTM E1426 Standard Test Method for Evaluating the Performance of Antimicrobials in or on Polymeric Solids Against Staining by Streptovetircillum Reticulum
F. ASTM D5420 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
G. ASTM G22 Standard Practice for Determining Resistance of Plastic to Bacteria
I. NSF/ANSI 342 Sustainability Assessment for Wallcovering Product

1.03 SUBMITTALS
A. Product Data: Submit manufacturer’s product data, including surface preparation and installation instructions.
B. Samples: Submit manufacturer’s samples of each pattern and color of wall coverings specified minimum 8 inches by 10 inches.
C. Manufacturer’s certification: Submit manufacturer’s certification that materials comply with specified requirements and are suitable for intended application.
D. Cleaning instructions: Submit manufacturer’s cleaning instructions.
E. Warranty documentation: Submit manufacturer’s standard warranty.

1.04 QUALITY ASSURANCE
A. Manufacturer’s qualifications:
   1. Manufacturer regularly engaged, for past 5 years, in manufacture of commercial wall coverings.
   2. Installer’s qualifications:
      a. Installer regularly engaged, for past 5 years, in installation of commercial wall coverings.
      b. Employ persons trained for installation of commercial wall coverings.
   c. Pre-installation meeting:
      1. Convene pre-installation meeting before start of installation of wall coverings.
      2. Review surface preparation, testing for and eliminating sources of moisture accumulation into walls, installation, cleaning, protection, and coordination with other work.
   d. Wall Preparation:
      1. Prepare surfaces in accordance with manufacturer’s instructions.
      2. Do not use harsh cleaning materials, steel wool abrasive into wall or wall cavity.
      3. Ensure mold, mildew, dirt, oil, grease, stains, and marks.
      4. Repair wall irregularities.
      5. Seams:
         a. Install wall covering seams vertical, with tight fit.
         b. Do not install wall covering seams free from air and paste bubbles.
      6. Color:
         a. Obtain uniform color match associated with patterns across seams.
      7. Remove paste residue from wall coverings, ceilings, and baseboards.
      8. Do not locate seams closer than 6 inches to corners.
      9. Do not begin main installation until unacceptable conditions are corrected.
      10. Install wall coverings with no objectionable variations in color and pattern match, as determined by Architect.
      11. Remove and replace damaged wall coverings that cannot be successfully repaired, as determined by Architect.

1.05 DELIVERY, STORAGE, AND HANDLING
A. Delivery and acceptance requirements: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
B. Storage and handling requirements:
   1. Store and handle materials in accordance with manufacturer’s instructions.
   2. Keep materials in manufacturer’s original, unopened containers and packaging until installation.
   3. Store materials in clean, dry area indoors, out of direct sunlight.
   5. Store materials at normal occupied building temperature and humidity for a minimum of 3 days before installation.

1.06 AMBIENT CONDITIONS
A. Rooms to receive wall coverings: Weather tight with HVAC settings, including pressure, temperature, and relative humidity, the same as those of occupied building for 3 days before installation, throughout installation, and for 3 days after installation of wall coverings. Wall coverings to be stored under these same conditions for 3 days prior to installation.

1.07 WARRANTY
A. Warranty period: 5 years.

PART 2 PRODUCTS

2.01 MANUFACTURER
A. Acceptable Distributor/Manufacturer: IPC Door and Wall Protection Systems, InPro Corporation, PO Box 406 Muskego, WI 53150 USA; Telephone: 800.222.5556, Fax: 888.715.8407, www.inprocorp.com
B. Substitution: Not permitted
C. Provide all wall protection from a single source.

2.02 WALL COVERINGS
A. Wall coverings: Ricochet™ Flexible Wall Protection
   1. Finished width: 48 inches.
   2. Inks: HAPS free, Ethyl Acetate.
   3. Low VOC Emitting:
      4. Packaging: 15 yard rolls
   B. Physical Properties:
         a. Thickness: 0.02” - 0.04” (varies by emboss and finish) b. 34 to 38 oz. per linear yard (555g to 620 g/linear m) c. (varies by emboss and finish)
      2. PVF protective cap film.
      3. Backing Type: Poly/Cotton knit, (77%/23%)
   C. Surface Properties
      1. Impact Resistance – ASTM D-5420 – Gardner Drop Dart Test: – 44 to 112+ inch-lbs
      2. Abrasion Resistance ASTM D-4060 Taber CS-10f wheel 500 gram load – 200 cycles, 0.02% weight loss.
      4. Stain Resistance – ASTM D-1308 – 10 cleaning agents, 10 staining agents, after 7 days, no change.
      5. Streploverticillum Reticulum Stain Resistance – ASTM E1428, No visible stain
   D. Fire Ratings
      1. Surface burning characteristics, ASTM E 84: Class A.
      2. Flame Spread Index: 10
      3. Smoke Developed Index: 120.
   E. Environment and Health
      1. CAL 01350 – Certified
      4. EPO – 3rd Party Certification
      5. HPV – 3rd Part Certified
      6. NSF/ANSI 342 Certified to Wallcovering Association Sustainability Standard
   F. Design:
      1. Pattern: Select from Ricochet™ pattern selection.

2.03 ACCESSORIES
A. Vinyl
   1. RCTRIM-XXXX Top Trim; Length: 8’ (2.44m) standard.
   2. Roman Pro-555 Extreme Tack Wallcovering Adhesive.
   3. Roman PRO 935 Primer
   4. CNBC Gibraltar Ivory Glue Stick

2.04 INSTALLATION
A. Install wall coverings in accordance with manufacturer’s instructions.
B. Wall Preparation:
   1. Install a minimum of 3 strips of wall coverings for test.
   2. Notify architect of conditions that would adversely affect installation or subsequent use.

2.05 PROTECTION
A. Protect BOTH installed AND UNINSTALLED wall coverings from damage during construction.

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