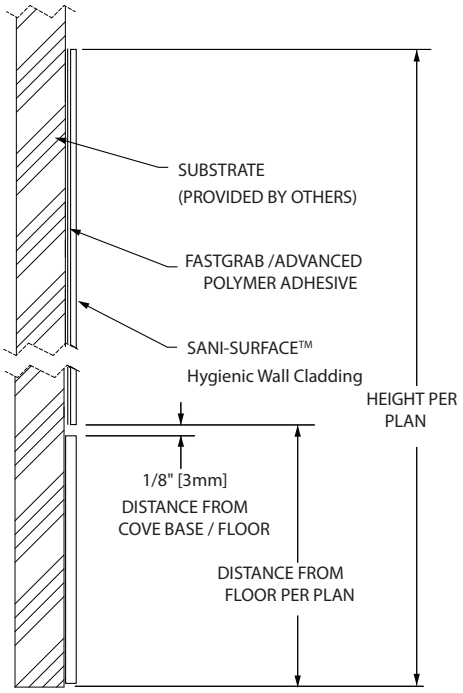
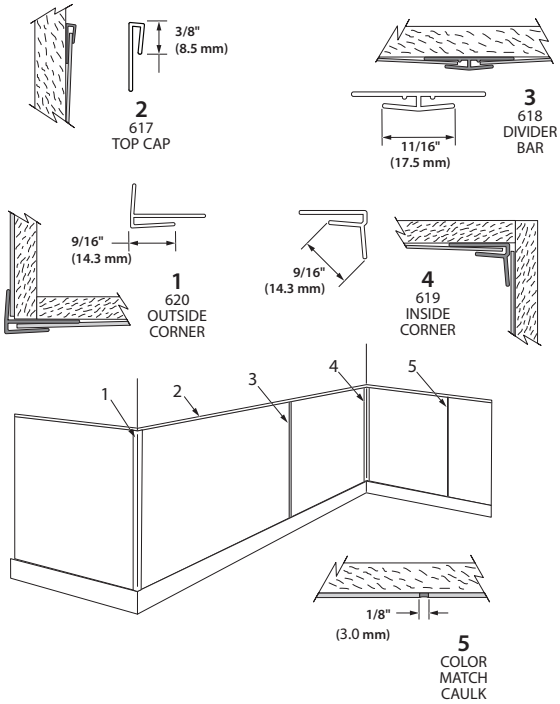
Sani-Surface™ Hygienic Wall Cladding

Suggested Specifications





- Sani-Surface™ Hygienic Wall Cladding stands up to hot cold and high moisture environments.
- Fiberglass Free
- Impact Resistant
- Moisture Resistant
- Bacterial and Fungal Resistant
- Easy to Cut on Site
- Integrates seamlessly with Sani-Base Stainless Steel Cove Base to create a hygienic, water tight transition from floor to wall.
- Available in standard 4' (1.22m) x 8' (2.44m) & 4' (1.22m) x 10' (3.04m) (WxL) sheets.
- Thickness of .080 (2mm) available
- Top Cap, Divider Bar, Inside Corner and Outside Corner trim pieces available
- Has been tested and meets GREENGUARD Environmental Institute's and the state of California's requirements for low emitting products as tested by Air Quality Sciences
- Has been tested and meets the GREENGUARD Children & School chemical emissions levels

GREENGUARD® Indoor Air Quality Certified

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Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

A. Sani-Surface™ Hygienic Wall Cladding for wall protection and decoration
1.02 SECTION INCLUDES
A. Sani-Surface™ Hygienic Wall Cladding
1.03 REFERENCES
A. American Society for Testing and Materials (ASTM)
B. International Standards Organization for Standardization (ISO)
C. National Fire Protection Association (NFPA)
D. National Sanitation Foundation (NSF)
E. Society of Automotive Engineers (SAE)
F. International Standards Organization for Standardization (ISO)
1.04 SYSTEM DESCRIPTION
A. Performance Requirements: Provide Sani-Surface™ Hygienic Wall Cladding systems that conform to the following requirements of regulatory agencies and the quality control of IPC Door and Wall Protection Systems™, InPro Corporation.
1. Fire Performance Characteristics: Provide Sani-Surface™ Hygienic Wall Cladding conforming with NFPA Class A fire rating. Surface burning characteristics as determined by ASTM E84 shall be flame spread of 25 or less and smoke development of 450 or less.
2. Chemical and Stain Resistance: Provide material that shows resistance to stain when tested in accordance with ASTM D543. Sani-Surface™ Hygienic Wall Cladding shall show "No Change" from reagents.
3. Effect of Household Chemicals: Provide material that is effective against reaction to household chemicals when tested in accordance with ASTM D1308. Sani-Surface™ Hygienic Wall Cladding shall show "No Change" from reagents.
4. Mold Growth Resistance: Provide material that is resistant to mold growth when tested in accordance with ASTM D3273. Sani-Surface™ Hygienic Wall Cladding shall show no growth.
5. Abrasion Resistance: Provide material that is resistant to abrasion when tested in accordance with ASTM D4060. Sani-Surface™ Hygienic Wall Cladding shall have a 0.01 % weight loss; CS-17 wheels 1,000 gram weight at 25 cycles.
6. Impact Resistance: Provide material that is resistant to impact when tested in accordance to ASTM D4226. Sani-Surface™ Hygienic Wall Cladding shall show a mean failure energy of 11.5 in-lbs.
7. Fungi Resistance: Provide material that is resistant to fungi when tested in accordance to ASTM G21 and ISO 846 method A. Sani-Surface™ Hygienic Wall Cladding shall show no fungal growth.
8. Bacterial Resistance: Provide material that is resistant to bacteria when tested in accordance to ASTM G22 and ISO 846 method C. Sani-Surface™ Hygienic Wall Cladding shall show no bacterial growth.
9. Effect of Liquids: Provide material that is effective against reaction to liquids when tested in accordance with ISO 2812. Sani-Surface™ Hygienic Wall Cladding shall have a "0" rating (no effect) from reagents.
10. Cleanroom Particle Concentration: Provide Sani-Surface™ Hygienic Wall Cladding that achieved an ISO class number of "Class 6" when evaluated using the test procedure outlined in VDI 2083-17 2013 section 6.2 (Particle Emission) and classified using ISO 14644.1-2015. Provide Sani-Surface™ Hygienic Wall Cladding that achieved a classification of "Class 5" when utilizing Federal Standard 209E for the determination for classification.
11. Indoor Air Quality: Provide material that passes the test requirements of ISO 16000-9. Sani-Surface™ Hygienic Wall Cladding shall have a TVOC concentration of <5 µg/m3 and Styrene concentration was <1 µg/m3.
12. GREENGUARD Certified: Provide Sani-Surface™ ™Hygienic Wall Cladding that has a GREENGUARD Gold Certification.
13. Color Consistency: Provide components matched in accordance with SAE J-1545 - (Delta E) with a color difference no greater than 1.0 units using CIE Lab, CIE CMC, CIE LCh, Hunter Lab or similar color space scale systems.
14. NSF Certified: Provide Sani-Surface™ Hygienic Wall Cladding that is NSF certified.
1.05 SUBMITTALS
A. Product Data: Manufacturer's printed product data for each type of Sani-Surface™ Hygienic Wall Cladding specified.
B. Detail Drawings: Mounting details with the appropriate adhesives for specific project substrates.
C. Samples: Verification samples of Sani-Surface™ Hygienic Wall Cladding, 5" x 8" (127mm x 203mm) piece, of each type and color indicated.
D. Manufacturer's Installation Instruction: Printed installation instructions for Sani-Surface™ Hygienic Wall Cladding.
1.06 DELIVERY, STORAGE AND HANDLING
A. Deliver materials in unopened factory packaging to the jobsite
B. Inspect materials at delivery to assure that specified products have been received.
C. Store in original packaging in a climate controlled location away from direct sunlight.
1.07 PROJECT CONDITIONS
A. Environmental Requirements: Products must be installed in an interior climate controlled environment.
1.08 WARRANTY
A. Standard IPC Limited Lifetime Warranty against material and manufacturing defects.

PART 2 - PRODUCTS

2.01 MANUFACTURER
A. Acceptable 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. Substitutions: Not permitted
C. Provide all Sani-Surface Hygienic Wall Cladding and wall protection from a single source.
2.02 MANUFACTURED UNITS
A. Sani-Surface™ Hygienic Wall Cladding
1. Sani-Surface™ Hygienic Wall Cladding Options
Item # Dimensions Thickness
610-XXXX: 4'x8' (1.22m x 2.44m) .080" = 5/64" (2mm) standard
61010-XXXX: 4'x10' (1.22m x 3.04m) .080" = 5/64" (2mm) available
B. Accessories:
1. Trim
61710 Top Cap; Length: 10' (3.04m)
61810 Vertical Divider Bar; Length: 10' (3.04m)
61910 Inside Corner; Length: 10' (3.04m)
62010 Outside Corner; Length: 10' (3.04m)
2. Color Matched Caulk
3. Two-Part Urethane Waterproof Sealant (Bright White)
2.03 MATERIALS
A. Vinyl: Sani-Surface™ Hygienic Wall Cladding shall be manufactured from 100% chemical and stain resistant polyvinyl chloride. No plasticizers shall be added (plasticizers may aid in bacterial growth).
2.04 ACCESSORIES
A. Top caps, inside corners, divider bars and outside corners shall be made of extruded PVC.
2.05 FINISHES
A. Sani-Surface™ Hygienic Wall Cladding colors to be selected by the architect. Surface shall have a velvet texture.
B. Vinyl Accessories: Top caps, inside corners, divider bars and outside corners shall be of a color matching the IPC.

PART 3 - EXECUTION

3.01 EXAMINATION
A. Examine areas and conditions in which the Sani-Surface™ Hygienic Wall Cladding will be installed.
1. Complete all finishing operations, including painting, before beginning installation of Sani-Surface™ Hygienic Wall Cladding materials.
B. Wall surface shall be dry and free from dirt, grease and loose paint.

3.02 PREPARATION
A. General: Prior to installation, clean substrate to remove dust, debris and loose particles.

3.03 INSTALLATION
A. General: Locate the Sani-Surface™ Hygienic Wall Cladding as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions. Install level and plumb at the height indicated on the drawings.
B. Installation of Sani-Surface™ Hygienic Wall Cladding
1. Adhere to substrate with Titebond GREENchoice Fast Grab FRP Construction, a freeze-thaw stable, nonflammable, high strength, water based adhesive that trowels on and allows approximately 20 minutes working time before firming.
2. Adhere to substrate with Titebond Advanced Polymer, a freeze-thaw stable, nonflammable, high strength, water based adhesive that trowels on and allows approximately 20 minutes working time before firming.
3.04 CLEANING
A. At completion of the installation, clean surfaces in accordance with the IPC clean-up and maintenance instructions.