**Altro Whiterock Whiteboard**

**Commercial Vinyl Wall Covering**

**SECTION 09 72 16.16**

**RIGID-SHEET VINYL WALL COVERING**

**(Commercial Vinyl Wall Covering)**

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Conform with requirements of all Sections of Division 1, General Requirements, as it applies to the work of this Section.

1.02 RELATED SECTIONS

A. Section 03300 - Cast-in-Place Concrete: Concrete finishing.

B. Section 06100 - Rough Carpentry: Plywood floor sheathing.

C. Division 7 - Thermal and Moisture Protection.

D. Division 15 - Mechanical.

1.03 REFERENCES

A. American Society for Testing & Materials (ASTM):

1. AST ASTM E 84-05 Standard Test Method for Surface Burning Characteristics of Building Materials. CLASS A

2. ASTM D5420 Gardner Impact Exceeds 160 inch pounds

1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Altro Whiterock Whiteboard has been manufactured by Altro to maintain performance criteria stated without defects.

1.05 SUBMITTALS

A. Shop Drawings: Submit shop drawings to indicate materials, details, and accessories in accordance with Section 01330 - Submittal Procedures including but limited to the following:

1. Submit a layout diagram indicating the location of each panel and joining method.

B. Samples: Submit duplicate sample pieces of Altro Whiterock Whiteboard material, as well as accessory pieces in accordance with Section 01330 - Submittal Procedures.

C. Quality Assurance Submittals: Submit the following:

1. Test Reports: Certified test reports showing compliance with specified performance characteristics and physical properties.

2. Manufacturer’s Instructions: Current published manufacturer’s installation and maintenance instructions.

3. Manufacturer’s Field Reports: Specified herein.

D. Closeout Submittals: Submit the following:

1. Operation and Maintenance Data: Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance.

2. Warranty: Warranty documents specified herein.

1.06 QUALITY ASSURANCE

A. Installer Qualifications:

1. Training: Installer who has successfully installed Altro Whiterock Whiteboard or similar.

B. Pre-installation Meeting: Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer’s installation instructions and manufacturer’s warranty requirements.

1.07 DELIVERY, STORAGE & HANDLING

A. Ordering: Comply with manufacturer’s ordering instructions and lead time requirements to avoid construction delays.

B. Deliver, store and handle Altro Whiterock Whiteboard wall panels in accordance with Section 01610 - Basic Material Requirements.

C. Deliver materials in manufacturer’s original, unopened, undamaged containers with identification labels intact.

D. Store materials protected from exposure to sunlight and harmful weather conditions, at temperature and humidity conditions recommended by manufacturer, in a temperature-controlled environment. **Leave protective premask overlap on panel until ready to use. Do not attempt to peel or remove dry-erase clear film from the surface of the panel.**

1.08 WASTE MANAGEMENT AND DISPOSAL

A. Deposit all packaging materials in appropriate container on site for recycling or reuse.

B. Avoid using landfill waste disposal procedures when recycling facilities are available.

C. Keep all discarded packaging away from children.

1.09 PROJECT CONDITIONS

A. Temperature Requirements: If storage temperature is below 65F (18C), the Altro Whiterock Whiteboard wall panel must be moved to a warmer place and allowed to reach this temperature before installation. For further information, refer to current Installation Guide.

B. Maintain air temperature and structural base temperature at installation area between 65F (18C) and 80F (26C) for 48 hours before, during and 24 hours after installation.

1.10 WARRANTY

A. Warranty Period for Altro Whiterock Whiteboard shall be 10 years commencing on Date of Substantial Completion. Please see current **Altro Whiterock Warranty** online at <https://www.altrofloors.com/Support/Downloads/Warranties>

**PART 2 PRODUCTS**

2.01 MANUFACTURERS

1. Manufacturer: Altro

1. USA: 80 Industrial Way, Wilmington, MA 01887
Toll-free: 800.377.5597 Fax: 978.694.0433

E-mail: info@altrofloors.com Web Site: [www.altrofloors.com](http://www.altrofloors.com).

2.02 HYGIENIC WALL COVERINGS

Acceptable material: Altro Whiterock Whiteboard (measurements below are approximate):

A. Altro Whiterock Whiteboard with a premium dry-erase, scratch and ghost resistant, anti-graffiti coating. Measurements below are approximate.

1. **Altro Whiterock Whiteboard:** 4’(1.22m) (4’) wide x 8’2” (2.5m) high or 4’ (1.22m) wide x 9’10” (3.0m) high, Thickness: 2.5 mm (0.080"); Available in Whiterock colours found on our website [www.altrofloors.com](http://www.altrofloors.com).

1. W103/WB White (8’2” (2.5m)

W104/WB White 9’10” (3.0m)

 2. W136/WB/\*\*\* Colours 8’2” (2.5m)

 W137/WB/\*\*\* Colours 9’10” (3.0m)

 3. W160/WB/\*\*\*\* Chameleon 8’2” (2.5m)

 W161/WB/\*\*\*\* Chameleon 9’10” (3.0m)

2.03 ACCESSORIES

 Including but not limited to:

A. Vinyl welding rod: Acceptable material:

 1. Joint-Strips [A831/WB/size/colour]

 1. Butyl Tape

2. Weld Rod

1. 2” Double-sided Foam Tape – [A815/216] 33lm roll

 3. W165 Tape Adhesive/Primer – [W1650.5] 1/2 gallon pail

 4. Altro Sanitary Sealant – [A802 White /A803 Clear /A806\* Colors] 10.5 oz.

 5. Mozart Skiving Knife

B. Acrylic Adhesive: For dry, climate controlled areas, use AltroFix W157, a one-part, water-based, acrylic adhesive as recommended by manufacturer.

C. Polyurethane Adhesive: For non-climate controlled areas and non-absorbent surfaces, use AltroFix W39, a two-part resin-based polyurethane adhesive as recommended by manufacturer.

**PART 3 EXECUTION**

3.01 MANUFACTURER’S INSTRUCTIONS

A. Compliance: Comply with manufacturer’s product data, including product technical bulletins, product catalog, installation instructions and product label instructions for installation.

3.02 EXAMINATION

A. Site Verification of Conditions: Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer’s instructions found at [www.altrofloors.com](http://www.altrofloors.com).

* 1. SUBSTRATE PREPARATION
1. Walls should be smooth and level. High points must be removed and low points filled with filler intended for the substrate and environmental conditions. Surfaces must be cleaned, permanently dry, and free from dust and all substances that may contribute to adhesive bond failure.
2. Remove loose paint and conduct an adhesive bond test with paint. Dry wall substrates should be paint ready. Very absorbent / porous substrates (particularly plaster finishes and unprimed sheetrock) must have a proprietary sealer e.g. PVA primer or similar, applied to the surface a minimum of 12 hours prior to the installation.
3. Prior to installation, it is advisable to complete any painting. Sanitary sealant is non-paintable. Remove loose paint and conduct an adhesive bond test with paint.

3.04 INSTALLATION

1. **Altro Whiterock Whiteboard: Heat-welding** - **If heat-welding, this must be specified at the time of the order to allow for Whiteboard coating to be offset from panel edge. Panels cut on site, or without the coating offset, must be carefully prepared in order to successfully heat-weld. Please contact your local Altro Technical Representative for Heat-Weld Installation Method. Heat-welded seams are NOT dry-erasable and may be subject to staining.**
2. **Altro Whiterock Whiteboard:** Install in accordance with written instructions.
3. Failure to install Altro WhiterockWhiteboard in accordance with recommended procedures will void the Altro Limited Product Warranty.
	1. CLEANING

**Note:** Once all panels and joints are installed, wipe all surfaces with antistatic solution or antistatic wipes. This is required as the panel may have static build up and any dust in the atmosphere will adhere to the surface of the panel.

A. Use a soft cloth, water and diluted household detergents are recommended. Thoroughly rinse detergents and solvents from surface. To remove any permanent marker ink, use a solvent such as

acetone or diluted rubbing alcohol. For best results, a thorough cleaning should occur at least once a week, please see Altro’s recommended maintenance for details.

1. Please remember to clean cloths / erasers on a regular basis. A dirty cloth/eraser will leave ink residue on the writing surface. A dirty felt eraser may be cleaned with rubbing alcohol, acetone or warm soapy water.
2. When cleaning the Altro Whiterock Whiteboard surface, we recommend the temperature of water does not exceed 140° F (60° C).

3.06 PROTECTION

1. Do not install near open heat sources (stoves, ovens, etc). Stainless steel panels should be used in such areas.

END OF SECTION