



Sustainable Materials CSI Spec. for Primecork™

PRIMECORK WALL PANELS

1.03 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer Qualifications:

- a. Use of cork sourced from the *Quercus Suber* tree as found only in Southwest Europe and North Africa
- b. Use of low-VOC, E1 Compliant, and CARB compliant adhesives in manufacturing of all products.
- c. Prior production of material for no less than 3 years.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Deliver wall paneling to project site, or fabrication site, not less than 3 days prior to start of installation (to allow for suitable acclimation).

1.05 PROJECT/SITE CONDITIONS

A. Environmental Requirements: Installation spaces, unboxed Primecork™ and adhesive must be maintained at normal occupancy temperature and humidity levels (HVAC working) for minimum of 48 hours prior to installation.

1.06 WARRANTY

A. Special Warranty:

1. Sustainable Materials Structural Warranty: 10 years against delamination or separation as a result of a manufacturing defect when finished and maintained in accordance with manufacturer's installation instructions.

PART 2 – PRODUCTS

2.01 MANUFACTURER

- A. Vasco Emanuel Lda. (ie: Muratto)
Rua Pedro Homem de Melo, 432, 1 esq
Porto 4150-598
Portugal

Distributor (North America):
Sustainable Materials LLC
5403 Western Ave #C
Boulder, CO 80301
USA

Tel: (720) 449-3063
e-mail: info@sustainablematerials.com
Website: <http://www.sustainablematerials.com/muratto>



B. Primecork™ Colors (select one):

1. Natural
2. Moka
3. Leather
4. Cappuccino
5. Brown
6. Champagne
7. Ivory
8. Silver
9. Dark Grey
10. Taupe
11. Marble
12. Black

C. Substitutions: None Permitted.

2.02 MATERIALS

A. Primecork™:

1. Composition: Decorative cork veneer on an HDF-core, with an agglomerated cork backer

2. Size: 600mm x 450mm x 4mm (approx. 23.6" x 17.7" x 1/6")

3. Physical Property Performance Requirements:

- a. Composition: natural cork laminated onto HDF-core
- b. Dimensional Stability: $\leq 0.4\%$ (per EN 434)
- c. Thermal Resistance: $0.0572\text{m}^2\text{K/W}$
- d. Thermal Conductivity: 0.047Kcal/mhc (per EN 12781/EN 15102)
- e. Sound Absorption: 0.100 (per EN 12781/EN 15102)
- f. Reaction to fire (per EN 13501-1):
 - a. Class E-s2 (Wax Finish)
 - b. Class D-s1 (Varnished)
- g. Smoke Density: Specific Optical Density (per ASTM E 662 and NFPA 258)- Flaming: 148, Non-flaming: 272
- h. Water Vapor Transmission: $0.128\text{ grains/h ft}^2$

B. Installation Adhesive: water-based contact cement (recommend: Loba Wakol D3540).

C. Finish: Surface protectant and finish applied at factory (product does NOT need additional finishing)

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrate(s) to which Primecork™ panels will be applied:

1. Components must be clean, dry, and free of contaminants that would interfere with adhesive bond.
2. Drywall or other substrate surface must be 'primed' (or sealed) to ensure suitable bond with contact cement

B. Verify that HVAC system is operating and maintaining occupancy level temperature and humidity conditions for no less than 48 hours prior to the installation (with material unboxes and acclimating).

C. If either of the above needs attention, coordinate with responsible entity to correct unsatisfactory site conditions.



3.02 PREPARATION

- A. Acclimatization: Open all Primecork packages and allow to acclimate for a minimum of 48 hours prior to the start of the installation.
- B. Fix substrate if needed (as per Examination needs and those relating to the adhesive bond per the instructions of the adhesive selected for use).

3.03 INSTALLATION

- A. Find Center: using a chalk line, find the symmetrical axes of the wall sides to determine starting point. Measure from the middle to ensure that the edge pieces (those against the adjacent walls) are identical in size and greater than 2" in width.
- B. Follow the Manufacturer's installation instructions of the adhesive selected.
- C. Install in a "brick" bond pattern (staggered edges).
- D. Press tiles into place (per adhesive Manufacturer's instructions and dry time requirements)
- E. See 'Primecork Installation Instructions' for further details.

3.04 CLEANING and MAINTENANCE

- A. Clean and maintain in accordance with "finish" Manufacturer's recommendations (see Sustainable Materials Care and Maintenance Sheet)

With any questions, or for this in a digital format, contact:

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