

Product: Vitrulan Glass Deco Fabrics
Specification Section: 09727 - Glass Yarn Wall Coverings
Manufacturer: Vitrulan Corporation



Page 1

PRODUCT DESCRIPTION

PRODUCT FEATURES

- BASIC USES / RELATED USES
 - Paintable glass textile fabric wall covering.
 - High performance wall covering over gypsum, wood or other substrate.
- PRODUCT ATTRIBUTES AND CHARACTERISTICS
 - High tensile strength prevents wall cracks from reaching surface and covers existing cracks.
 - Offers impact resistance when combined with proper coatings.
 - Provides breathable wall surface to prevent mold and mildew problems.
 - Surface can be repainted several times without losing visible texture characteristics.
 - Impact damage can be repaired in effected areas only.
 - Made from glass which is inorganic and therefore does not burn.
- SELECTION CRITERIA
 - Made from natural and environmentally friendly raw materials.
 - Adhesive can be applied using roll-on or pasting machine. Aqua Plus Pigment contains water activated factory applied adhesive.
 - Smooth finish after painting; no sanding necessary.
 - Easy to clean. Finished surface can be scrubbed with caustic chemicals.
 - Reinforces wall surface, covers cracks.
 - Breathable, water vapor permeable.
- APPLICABLE STANDARDS, RELATED REFERENCES
 - ASTM E84 - Test Method for Surface Burning Characteristics of Building Materials.
 - ASTM E96 - Standard Test Methods for Water Vapour Transmission of Materials.
 - NFPA 101 - Code for Safety to Life from Fire in Buildings and Structures.
 - University of Pittsburgh, UPITT Protocol.
 - International Association for Research and Testing in the Field of Textile Ecology - Oeko-Tex Standard 100
- QUALITY STATEMENT, TESTS, CERTIFICATIONS, AND APPROVALS
 - Manufacturer: ISO 9001 certified.

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Page 2

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- Fire Resistance:
 - Class A, NFPA 101.
- Fabric Surface Burning: Tested to ASTM E84.
 - Class 1 - Style 905 Phantasy Plus: Flame spread 5, smoke developed 0.
- Combustion Toxicity - Style 905 'Phantasy Plus': Tested to UPITT Protocol.
 - LC₅₀ = 35.8 g
 - LA₅₀ = 126,950 sq mm
- Water Vapour Transmission: Tested to ASTM E96, Method B.
 - Style 148 'classic plus' : 93.6 US perms.
 - Style 239 'pigment plus'(factory primed): 65.1 US perms.
- PACKAGING, HANDLING, PROTECTION, AND DELIVERY INSTRUCTIONS
 - Each roll is shrink-wrapped in poly, and individually packaged in a cardboard carton.
- AVAILABILITY
 - Worldwide.
- COST
 - Installed cost varies with quantity and texture selected.
 - Installed budget cost is approximately the same as Type 2 Vinyl Wall Covering.

PRODUCT PROPERTIES

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Page 3

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- DIMENSIONS
 - Roll width and length: 39.37 inch (1 meter) wide x roll length of 82 linear ft or 164 linear ft depending on pattern.
- FINISH, COLORS AND TEXTURES
 - ‘Classic Plus’: Requires 1 prime coat, 1 paint coat finish.
 - ‘Pigment Plus’: Pre-pigmented, requires 1 paint coat finish.
 - ‘Aqua Plus Pigment’: Pre-pigmented, factory applied water activated adhesive, 1 paint coat finish.
 - ‘Phantasy Plus’: Jacquard woven patterns, requires 2 paint coat finishes.
 - ‘Creative Plus’: Pre-printed faux paint finish coat. Requires 1 clear coat finish.

PRODUCT APPLICATION

- PREPARATION OF WALL SUBSTRATE
 - Minimum ambient and wall surface temperature: 45 deg F (8 deg C).
 - Smooth out cracks, holes, and surface unevenness with a filling knife; sand smooth.
- APPLICATION
 - Substrate surfaces must be ready to receive wall covering adhesive; prime paint if necessary.
 - Ensure stripe marking is always on the same side, to prevent inverted installation.
 - Seams should always be butted for best results.
 - Roller Applied:
 - Adhesive should be spread evenly over width of roll with 1/2 inch nap lambskin roller.
 - Wrap outside corners minimum 6 inches.
 - Pasting Machine Applied:
 - Hang fabric lengths within 10 minutes.
 - Press fabric using plastic trowel or pressure roller, parallel to the vertical warp threads. Any fabric not pressed will have a different texture.

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Page 4

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- **COVERAGE**
 - Finishes - Common Spread Rates:
 - First coat primer paint: 150 – 200 sq ft/gal.
Finish or second coats -
 - Latex paint: 300 sq ft/gal.
 - Acrylics: 250 sq ft/gal.
 - Epoxy: 200 sq ft/gal.
 - Polyurethane: 175 sq ft/gal.
- **MAINTENANCE INSTRUCTIONS AND PROCEDURES**
 - Painted Surface: Clean with mild soap and clean water.

Corporate Identification

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Technical Services Available

National office cited above.

Classification and Filing

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