

SPECIFICATIONS CUSHIONED SEAMLESS FLOOR SYSTEM

V-10-Multipurpose Systems

PART I -- GENERAL

1.00 SCOPE: This is a Manufacturer's Specification on the Multipurpose version of the VITRITURF System.

1.01 DESCRIPTION: Provide all labor, materials and equipment necessary to install the VITRITURF System.

1.02 QUALITY ASSURANCE

A. Qualifications

1. VITRITURF shall have marketed this system in the United States for at least five years.

2. The Applicator shall be trained and registered by VITRITURF

B. Design and Detailing

1. General

a. VITRITURF Multipurpose System is utilized wherever an impact, absorbing cushioned surface is required. Multipurpose areas should meet criteria set by the CPSC.

2. Substrate and Substrate Systems

a. Check application manual for specific instructions on substrate.

3. Acceptable Substrates for the VITRITURF System include asphalt, concrete and compacted stone.

4. Other Substrates shall be approved by VITRITURF prior to application.

5. The Trained Applicator shall verify that the proposed Substrate is acceptable with application of the VITRITURF System.

6. Substrate Systems shall be engineered with regard to structural performance.

7. Follow VITRITURF's published details with specific recommendations for this project.

1.03 SUBMITTALS:

A. Trained Applicator shall submit 2' (610mm) x 4' 1220mm) samples of the VITRITURF System.

1.04 DELIVERY, STORAGE AND HANDLING

A. Deliver all materials in original unopened packages with labels intact. B. Store all materials protected from weather and at temperature not less than 40 F.

1.05 JOB CONDITIONS:

A. Ambient air temperature shall be 32 F at the time of installation of the VITRITURF System. The System may be installed with temperatures below 40. The temperature only affects the system in workability of the materials and the dry time. The lower the temperature, the thicker the viscosity of the binder and the dry time may become delayed.

B. Adjacent materials and the VITRITURF System shall be protected during installation while curing and/or unattended from weather and other damage.

1.06 ALTERNATES AND ALLOWANCES:

A. Systems to be considered equal to those specified herein shall be approved by then Architect, in writing, at least ten working days prior to the project bid date.

PART II -- PRODUCTS

2.01 GENERAL: All components of the VITRITURF System shall be obtained from VITRITURF or its authorized distributors. No substitutions of, or additions of, other materials shall be submitted without prior written permission from VITRITURF. System shall be installed by the manufacturer. ONLY factory installers are allowed to install the system.

2.02 MATERIALS

A. VITRITURF Primer: A single component moisture cured polyurethane primer.

B. VITRITURF BINDER: A proprietary, elastic Polyurethane Pre-Polymer, MDI based. Extremely low odor, capable of excellent weathering and binding characteristics. Binder shall contain no TDI Monomers.

C. VITRITURF EPDM Rubber: A man-made rubber containing minimum of 30% EPDM and having a density of 1.5-0.05.

1. Is available in assorted colors.

2. Is available in two sizes: 1-3mm, 0.5-1.5mm. The mixture of different sizings shall be determined by Vitriturf.

D. The VITRITURF Multipurpose System shall have been tested for non slip characteristics under ASTM-E303, tested for ease of ignition under BS-5696 and ASTM-D-2859, and tested for fire resistance under UL94.

2.03 MIXING AND PREPARATION: A. Mixture of binder/EPDM will be determined by the system which is specified.

PART III-- EXECUTION

3.01 INSPECTION:

A. Prior to application of VITRITURF System the Substrates shall be examined for compliance with the contract documents of VITRITURF specifications. The General Contractor and Architect shall be advised of all discrepancies. Work shall not proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION:

VITRITURF Multipurpose System

1. VITRITURF Primer Apply primer with a short nap roller at a rate of 300 sq. ft. per gallon.

2. VITRITURF Wearing Course

a. Mix EPDM to VITRITURF Binder in a ratio of 82/18 and apply with a steel trowel.

1. For compacting: Lubricate trowel with diesel fuel or soapy water. For finishing: Spray a light mist of water on surface and trowel smooth. Apply at a minimum of 1".