THE TARKETT COLLECTION
STELLA

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: Heterogeneous commercial flooring designed for heavy commercial interiors. Glass fiber reinforces for stability and a polyurethane reinforced finish makes this product durable and easy to maintain.
Recommended areas for use:

- Education – Classrooms, corridors, multipurpose rooms, gymnasiums, laboratories, cafeterias
- Offices – Break rooms, offices, corridors, cafeterias, lavatories
- Retail – Sales areas, offices
- Healthcare – Patient rooms, exam rooms, lobbies, corridors, emergency rooms, critical care, laboratories
- Hospitality – Corridors, vending areas, lobbies, bathrooms

1.2. Manufacturer:

Johnsonite, Inc.,	Phone:	(800) 899-8916
16910 Munn Road		(440) 543-8916
Chagrin Falls, Ohio 44023	Tech:	Ext 9297
Web: www.johnsonite.com	Samples:	Ext 9299
E-mail: info@johnsonite.com	Fax:	(440) 632-8920

1.3. Proprietary Product Description:

1.3.1. Construction:
Johnsonite's Stella has a PUR reinforced wearlayer composed of 90% binder. Featuring a no wax, dry buff, low cost maintenance procedure.

1.3.2. Styles:

- Wood grain – 2 colors overall thickness .080" (2.0 mm)
- Natural – 12 colors overall thickness .080" (2.0 mm)
- Packaging: Available in 6' 6" (2 m) wide and approximately 76' linear feet (23 m) per roll

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- Sheet material meets ASTM F 1303, Type I, Grade 1, Class B performance sheet vinyl floorcovering with backing
- Static coefficient of friction: ASTM D 2047 > 0.6
- Static Load Limit: ASTM F 970– 175 psi
- Fire Performance:
  - o Flooring Radiant Panel: ASTM E 648 – Class 1
  - o Smoke Density: ASTM E 662 Less than 450

3. INSTALLATION

- The installation of Johnsonite Homogenous flooring should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive flooring shall be clean, fully enclosed, weathertight, and maintained at a temperature between 70°F to 85°F (18°C to 29°C) for 72 hours before, during, and after the installation is completed. The flooring material and adhesives shall be conditioned in the same manner. A minimum temperature of 55°F (13°C) must be maintained after installation.
- In areas that are exposed to intense or direct sunlight, the product must be protected during the conditioning, installation, and adhesive curing periods, by covering the light source.
- Wood floors should be double construction with a minimum thickness of 1 inch. Material selection shall be made utilizing ASTM F 1482, Standard Guide to wood Underlayments or Use under Resilient Floors. "Particle or chipboard" type underlayments are not acceptable. The floor must be rigid, free of movement and have at least 18" of well ventilated air space below.
- Concrete shall be prepared utilizing ASTM F 710, Practice for Preparing Concrete Floors and Other Monolithic Floors to Receive Resilient Flooring.
- Floors shall be smooth, flat, permanently dry, clean and free of all foreign material such as dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue.
- Floor covering shall not be installed over expansion joints.
- It is essential that moisture tests be taken on all concrete floors regardless of age and grade level. One test should be conducted for every 1,000 sq. ft. of flooring and the results not exceed 5 lbs. per 1,000 sq. ft. in 24 hours when tested in accordance with ASTM F 1869 Standard Test method for Measuring Vapor Emission Rate of Concrete Subfloor using Anhydrous Calcium Chloride. Or 80% when tested accordance with ASTM F 2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes. Surface pH of the concrete should range between 7 and 9. If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.
- For best color match on installation requiring more than 1 roll, be sure rolls to be used in same area are of the same lot number. Install rolls in numerical order according to sequence number.
- Do not reverse sheet during installation.
- Underscribe seams. Rout seams with hand router or an electric router. Heat weld with corresponding 4 mm Johnsonite vinyl weld rod.
- Material installed under heavy dynamic or static loads will require the use of a specialized firm setting adhesive,
  – Johnsonite 975 Two-Part Polyurethane is recommended for these areas.

3.1. Adhesives:

- For standard application – Johnsonite #925 Adhesive for Resilient Flooring:
  Approximate Coverage:
  Porous Substrate: 150-175 sq. ft.
  Non-porous Substrate: 250-300 sq. ft.
  Allow adhesive to become tacky before installation. Roll the floor covering with a 100 lb. three-section roller to break down adhesive ridges and expel any entrapped air while adhesive is still wet. Avoid working on newly installed flooring whenever possible.
- For special application – Johnsonite #975 Two-Part Polyurethane Adhesive:
  Approximate Coverage:
  Porous Substrate: 225-250 sq. ft.
  Non-porous Substrate: 225-250 sq. ft.
  Flooring must be installed while adhesive is wet. Roll the floor covering with a 100 lb. three-section roller to break down adhesive ridges and expel any entrapped air while adhesive is still wet. Avoid working on newly installed flooring whenever possible.

3.2. Installation Manual: Refer to Johnsonite Installation Instruction for complete installation details.

4. AVAILABILITY AND COST

Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

Limited 5 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. MAINTENANCE

- Light foot traffic may be allowed 24 hours after installation.
- No heavy traffic, rolling loads, or furniture placement for 72 hours after installation.
- Allow at least 72 hours for adhesive to achieve bond before commencing recommended maintenance routine.
- To ensure proper electrical performance, floors must be kept thoroughly clean and well maintained. No floor finishes ate to be utilized during maintenance procedures.
- Do not use acetone or similar materials to clean floors. Furniture rests, cart wheels and tires should be made of soft, non-staining rubber and should be large enough to fully dissipate the load. Chair pads are recommended for desk areas. Special hard set adhesive is required in areas where heavy static or dynamic loads will occur.

6.1. Refer to Johnsonite's Maintenance Instructions for complete maintenance details.

7. TECHNICAL SERVICES

Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.johnsonite.com or contact Johnsonite at (800) 899-8916.