

Specifier Note: These Guide Specifications have been created to assist in preparing a Project or Master Specifications. In accordance with Construction Specifications Institute (CSI)'s MasterFormat®, these Guide Specifications can be used with most Master Specifications following simple editing.

Specifier Note: The enclosed requirements are intended for indoor installations over concrete. If the provisions described herein are adopted for installations over other types of substrates or for installations outdoors, BaseLayer's Warranty will be null and void and the Specifier will be held liable.

Specifier Note: This Specification describes the Resilient Athletic Flooring to be installed. The number and title of the section may be changed, if the Specifier deems necessary, but in any circumstance it will belong to the general CSI Section 09 65 00: Resilient Flooring.

## **SECTION 09 65 66 (alt. 13 28 66 Demountable Athletic Surfaces) Resilient Athletic Flooring**

### **1 Part 1 - General**

#### **1.1 Summary**

##### **1.1.1 Products Supplied**

A. Thermoplastic Elastomer (TPE) Athletic Flooring

##### **1.1.2 Related Requirements**

*Specifier Note: The following CSI sections serve as a guide to what is essential information needed to determine the acceptability of the site conditions required for the installation of Resilient Athletic Flooring. The Specifier may choose to include other sections he/she deems necessary.*

A. Section 02 25 00 – Existing Material Assessment

#### **1.2 References**

##### **1.2.1 ASTM International (ASTM)**

- A. Test 1
- B. Test 2

##### **1.2.2 State of California (CA)**

- A. CA Section 01350. Standard Method for the Testing and Evaluation of Volatile Organic Compound Emissions from Indoor Sources Using Environmental Chambers.

##### **1.2.3 International Organization for Standardization (ISO)**

- A. ISO/IATF 16949: Quality management systems – Requirements.
- B. ISO 14001: Environmental management systems – Requirements.

## 1.3 Submittals

*Specifier Note: The following are typical submittals. The Specifier may choose to include other submittals he/she deems necessary. Technical and warranty information is available for download at [www.baselayerlabs.com](http://www.baselayerlabs.com) or may be obtained from the Technical Department at BaseLayer (United States 1-800-361-3747).*

### 1.3.1 Action Submittals

- A. Provide Current printed technical data sheets (TDS) and specifications from BaseLayer for all products supplied
- B. Provide one (1) sample of ActiveFloor for verification and approval.
- C. As necessary, General Contractor to provide shop drawings prepared for the project that illustrate layouts, details, dimensions and other pertinent data useful to the flooring contractor.

### 1.3.2 Informational Submittals

- A. Provide BaseLayer's current installation guidelines for products supplied.

### 1.3.3 Closeout Submittals

- A. Provide BaseLayer's current printed maintenance guidelines for ActiveFloor
- B. Warranty certificate?

### 1.3.4 Maintenance Materials

- A. It is recommended to purchase extra stock material from the original lot – especially in the case of a project utilizing non-standard colors. Approximately 3-5% of the total area of each color and product should be kept for replacements – no less than 12 tiles of each color.

## 1.4 Quality Assurance

- A. ActiveFloor must be manufactured in an ISO/IATF 16949 and ISO 14001 certified plant.
- B. Flooring contractor shall be fully acquainted with the existing facility and utilities and shall fully understand the difficulties and restrictions attending the execution of the work under contract. Flooring Contractor is responsible for immediately advising the Owner, in writing, of any restrictions and anticipated difficulties.

## 1.5 Delivery, Storage & Handling

- A. Products Supplied must be delivered in their original, unopened and undamaged packaging with identification labels intact.
- B. Products Supplied need not suffer damage during delivery, storage and handling (i.e. dents/scratches, excessive compression or warping, chipped edges, etc.).

## 1.6 Site Conditions

- A. ActiveFloor tiles are intended for installation over flat surfaces (concrete, wood flooring, tile, etc.). BaseLayer will not be held liable for any conditions or accidents arising from tiles installed on uneven surfaces that yield an uneven result, or in any accidents that might arise from tripping on the edge of a tile due to improper installation or an installation over an uneven surface.
- B. ActiveFloor tiles are intended for semi-permanent installation. BaseLayer will not be responsible for any attempts to set the tiles into concrete, or damage from attempting to adhere the tiles permanently to any surface.

## 1.7 Warranty

- A. The ActiveFloor tiles are warranted to be free from manufacturing defects for a period of one (1) year from the date that is 90 days from the shipment from Baselayer, per the terms and conditions of Baselayer's Limited Material Warranty.
- B. Refer to the current copy of BaseLayer's Terms and Conditions which shall be obtained directly from BaseLayer. In no event shall any warranties provided by any third party (including distributors, insurance and/or private label providers) be considered as valid.

## 2 Part 2 – Products

### 2.1 ActiveFloor Tiles

#### 2.1.1 Supplier

- A. BaseLayer: BaseLayer LLC, Mailing Address 12345 Sunnyside Drive, Wallawalla, IL

#### 2.1.2 Description

*Specifier Note: Specify required color(s)*

- A. ActiveFloor tiles is an injection molded TPE tile. The part is made from a single material and does not have any layers, foams or fillers.
- B. Thickness: 5/8"
- C. Colors: Available in standard colors, though custom colors are possible with orders of sufficient size. Please contact your sales representative for more information on custom colors.
- D. Surface Texture: knobbled, matte.
- E. Format: 19x19" for non-Pro tiles. ActiveFloor Pro tiles are 36x60"

#### 2.1.3 Performance

*Specifier Note: Results may vary slightly between production runs, due to manufacturing and material tolerances as well as the methods/equipment used by laboratories during analysis. However, the ActiveFloor product supplied must always meet the minimum requirements listed below.*

- A. Performance of ActiveFloor product supplied to conform to the following criteria:

| Performance Criterion   | Test Method | Requirement | Result |
|-------------------------|-------------|-------------|--------|
| Flammability            | TBD         | TBD         | TBD    |
| Thickness               | TBD         | TBD         | TBD    |
| Hardness                | TBD         | TBD         | TBD    |
| Light Resistance        | TBD         | TBD         | TBD    |
| Force Reduction         | TBD         | TBD         | TBD    |
| Vertical Deformation    | TBD         | TBD         | TBD    |
| Compression Set         | TBD         | TBD         | TBD    |
| Heat Resistance         | TBD         | TBD         | TBD    |
| Resistance to Chemicals | TBD         | TBD         | TBD    |
| Flexibility             | TBD         | TBD         | TBD    |
| VOC Emissions           | TBD         | TBD         | TBD    |

## 2.1.4 Limitations

- A. Be sure to use the appropriate ActiveFloor product for the intended activity. Using a softer tile in areas designated for heavy equipment or free weight areas may cause additional wear to the product. Using ActiveFloor tiles in areas with heavy equipment beyond their designed capacity may cause the tiles to buckle and the surface to become unstable. Please refer to our product information sheets to ensure you have selected the appropriate product for your application.
- B. ActiveFloor tiles are not designed to have heavy objects dragged across their top surfaces and may buckle or not perform as designed. Tiles may also buckle or shift if driven on by a heavy or fast-moving vehicle.

## 2.1.4 Material

- A. Supply ActiveFloor tiles from BaseLayer, as specified in section 2.1.2. Description.

## 2.2 Accessories

Specifier Note: Accessories should be specified in accordance with the project requirements.

- A. ActiveFloor tiles will ship with the appropriate number of edge and corner pieces as required for your order.
- B. BaseLayer does not recommend using non-compatible tiles or components. Use of non-compatible tiles or components may result in injury
- C. ActiveFloor tiles have not been tested to be painted or colored after manufacturing.
- D. ActiveFloor tiles are not meant to be installed directly into cement or fixed in place with adhesive.
- E. Installing ActiveFloor tiles over a chemical spill may damage the surface of your tiles

## 3 Part 3 – Execution

## 3.1 Installers

- A. Refer to sections 1.4-1.6 of this document for relevant information for installers.

## 3.2 Examination

- A. Prior to installation of ActiveFloor, ensure that the area is as dry as possible and free from chemical contamination. Installation of ActiveFloor tiles over a wet surface may prevent the evaporation of liquid and may damage the floor underneath the tiles.

## 3.3 Installation

*Specifier Note: Products Supplied are to be installed following their current printed guidelines; it is recommended that the Specifier review said guidelines. Copies of all installation guidelines for Products Supplied can be obtained from BaseLayer. (United States 1-800-xxx-xxxx • Canada 1-800-xxx-xxxx).*

- A. Install ActiveFloor tiles following BaseLayer's current printed guidelines.
- B. Install all accessories following BaseLayer's current printed guidelines.

## 3.4 Repair

- A. Refer to section 1.3.4 Maintenance materials. Standard colors should be available through BaseLayer, but custom colors may need to be redeveloped. Material from the original run will always match best.
- B. Replacing any failing tiles is normally the only recommended mechanism for repair.
- C. BaseLayer does not recommend reusing tiles that have been cut or modified in the process of an initial installation.

## 3.5 Cleaning

- A. ActiveFloor tiles can be cleaned with many household cleaners or with water and a mild detergent (dish soaps or similar).
- B. ActiveFloor tiles are not designed to be cleaned with rotary cleaning/polishing equipment