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GAMECOURT® Top Coat System

Division 9 – Indoor Resilient Athletic Surfacing

PART 1 – GENERAL

- 1.1 *SECTION INCLUDES*
- A. Supply and installation of the GAMECOURT® TOP COAT indoor resilient multipurpose athletic surfacing.
 - B. Application of the game lines.
- 1.2 *SUBMITTALS*
- A. Product Data:
 - 1. Submit one (1) set of GAMECOURT® “TOP COAT System Guide Specifications”.
 - 2. Submit one (1) top coat color options chart and one (1) game line paint color options chart.
 - B. Closeout Submittals:
 - 1. Submit one (1) copy of the GAMECOURT® maintenance instructions.
 - 2. Submit one (1) copy of the GAMECOURT® material and installation warranties as specified.
- 1.3 *QUALITY ASSURANCE*
- A. Qualifications/Certifications
 - 1. The indoor resilient multipurpose athletic surfacing shall be manufactured in an ISO 9001 certified plant.
 - 2. The indoor resilient multipurpose athletic surfacing supplier shall be an established firm experienced in the field and appointed as a distributor by the manufacturer of the indoor resilient multipurpose athletic surfacing.
 - 3. The complete installation of the flooring system shall be carried out by an experienced & certified flooring contractor approved by the supplier and the work shall be performed in accordance with the supplier’s installation instructions.
 - 4. The indoor resilient multipurpose athletic surfacing material supplier shall be WBE (Women’s Business Enterprise) certified.
 - 5. The indoor resilient multipurpose athletic surfacing materials shall be MADE IN THE USA.
- 1.4 *DELIVERY, STORAGE AND HANDLING*
- A. Delivery:
 - 1. GAMECOURT® TOP COAT shall not be delivered until all related work is in place and finished and/or proper storage facilities and conditions can be provided and guaranteed stable according to Moose Sport’s Surfaces, Ltd. recommendations.
 - B. Storage:
 - 1. Store the material in a secure, clean and dry location maintaining a minimum of 55° F and 85° F and under 50% relative humidity. Ideal installation and storage conditions are the same as those which prevail when building is occupied. Store buckets upright.

1.5 *PROJECT / SITE CONDITIONS*

- A. It is the responsibility of the general contractor/construction manager to maintain clean, secure, weather tight project site conditions acceptable for the installation of the GAMECOURT® TOP COAT.
- B. Floor contractor shall prep the existing synthetic floor. All labor and/or materials required to prep the existing synthetic floor to properly accept the new TOP COAT system shall be the responsibility of the floor contractor. Proposed floor preparation procedures shall be submitted to the owner and manufacturer of resilient flooring materials for approval.
- C. Any loose or damaged existing athletic flooring shall be replaced/repared with similar materials.
- D. Permanent light and electrical power shall be installed and operating prior to the installation.
- E. HVAC shall be installed and operating two weeks prior to installation, during and after installation. The temperature must be between 65-70° F., maximum humidity at 70% (50% is preferable).
- F. All sub-contract work which would cause damage, dirt, dust or interruption of normal installation will be completed prior to the installation of GAMECOURT® TOP COAT. Suspension of other trades' work may be authorized providing their work will not interfere with the installation or damage the newly installed TOP COAT system.
- G. The installation area shall be closed to all traffic and activity for a period to be set by the flooring contractor.
- H. Existing floor surface shall be clean, dry, and free from dirt, dust, oil, grease, paint, or other foreign materials.

1.6 *WARRANTY*

- A. Moose Sports Surfaces, Ltd. (Moose) hereby warrants its GAMECOURT® TOP COAT materials to be made to manufacturer's specifications and to be free from defects for a period of five (5) years commencing on the date of substantial completion. This warranty shall be given in lieu of all other warranties or guarantees, expressed or implied, including, but not limited to any warranty of merchantability or fitness for a particular purpose, and/or any other obligation on the part of Moose. The liability of Moose shall be limited to repair or replacement of materials supplied by Moose and proven to be defective in manufacture. It shall not include any other damages either direct or consequential.
- B. Warranty excludes damage caused in whole or in part by normal wear and tear, abuse, faulty construction of the building including settlement, lack of a moisture barrier for on grade or below grade construction, the failure of associated trades to adhere to specifications, separation of the concrete slab, any movement of the sub-base, moving/expansion/contraction of construction joints, saw joints, expansion joints, and other saw cuts, excessive dryness or moisture from humidity, spillage, migrations through the slab or wall, or any other source. Additionally, the warranty shall not cover accidental damage.

1.7 *LEED™ CREDIT CONTRIBUTIONS*

- A. GAMECOURT® TOP COAT can contribute to three (3) LEED® rating systems as outlined below.
 - 1. Construction Waste Management (up to 2 points)
 - 2. Regional Materials (up to 2 points)
 - 3. Low emitting Materials (up to 2 points)

PART 2 – PRODUCTS

2.1 *SUPPLIER*

- A. The basis of the design for the indoor resilient multipurpose athletic surfacing is Moose Sports Surfaces Ltd., GAMECOURT® TOP COAT. All other installation accessories and related components must be either made or approved by the indoor resilient multipurpose athletic surfacing supplier. Other products may be approved as equal if deemed qualified and submitted in accordance with the General Conditions.

2.2 *MATERIALS*

- A. GAMECOURT® Water-Based Top Coat (matte finish) – two-component polyurethane. Select from standard colors.
- B. GAMECOURT® Game Line Paint – two-component polyurethane. Select from standard colors.

- C. Optional Base (specify or delete) – Vinyl wall base; 4” high; select from standard colors.
- D. Technical Information;
 - 1. Sliding Coefficient of Friction
(DIN 18032/2 min. 0.4 – max. 0.6) 0.42 - 0.55
 - 2. Inflammability of Top Layer (DIN 51960) Class I / Not flammable
 - 3. Friction / Sliding Properties
(EN 13036-4) 98
80-110

PART 3 - EXECUTION

3.1 *EXAMINATION*

- A. It is the responsibility of the general contractor/construction manager to ensure the project/site conditions are acceptable for the installation of GAMECOURT® TOP COAT per Section 1.5 of this specification.
- B. Floor contractor to report any discrepancies per Section 1.5 to general contractor/construction manager prior to commencement of installation.

3.2 *PREPARATION*

- A. Prep the existing flooring per supplier’s instructions.
- B. Adhere to all MSDS requirements for materials employed in the work. Protect all persons from exposure to hazardous materials.

3.3 *INSTALLATION*

- A. Finish Water-Based Top Coat (Matte Finish):
 - 1. Thoroughly mix two-component polyurethane GAMECOURT® Water-Based Top Coat and apply per supplier’s instructions.
- B. Game Lines:
 - 1. Supplier recommends using standard color line paints because they have been thoroughly tested in the lab and in field applications to meet performance standards.
 - 2. Thoroughly mix two-component GAMECOURT® Line Paint and apply per supplier’s instructions.
 - 3. Provide game lines as indicated on drawings.
- C. Wall Base (optional) applied per the requirements of the manufacturer.

3.4 *CLEANING*

- A. Remove all excess and waste materials from the area of work. Dispose of empty containers in accordance with federal and local statutes.
 - 1. Refer to GAMECOURT® Care & Maintenance Guide for complete cleaning information.

3.5 *PROTECTION*

- A. Cure Time -- no traffic or trades shall be allowed on the surface for a period of one (1) week following completion to allow for complete and proper cure of the finish.
- B. Other Trades -- it is the responsibility of the general contractor to protect the surface from damage by other trades before acceptance by the owner or the owner’s authorized agent.
- C. After the TOP COAT is installed and the game lines painted, area to be kept locked by general contractor, no other trades or personnel are allowed on floor until accepted by owner.
- D. When subjecting the GAMECOURT® TOP COAT floor to significant rolling loads or heavy equipment such as scissor lifts, scaffolding, four wheel dollies, etc. and/or point loads that exceed 250 PSI we recommend the following;
 - 1. Provide a protective cover to prevent marring of the top coat finish. This may be accomplished with 6 mill poly, kraft paper, red rosin paper or standard protective gym covers.
 - 2. Provide a double layer of 5/8” (minimum) thick plywood or Masonite where equipment will travel across the floor system. Plywood may be “walked” across floor as equipment is moved to

minimize number of sheets required. The upper and lower layers of the plywood must be staggered to eliminate end joints from aligning thereby reducing point loads to the system.