

**FLOORING REPLACEMENT
STAPLES HIGH SCHOOL FIELD HOUSE
70 NORTH AVENUE
WESTPORT, CT 06880**

S/P+A PROJECT NO. 23.334

DATE: December 20, 2024

The following changes to the Drawings and Project Specifications shall become a part of the Drawings and Project Specifications; superseding previously issued Drawings and Project Specifications to the extent modified by Addendum #2.

General Information:

- The deadline for RFIs is Monday, December 30, 2:00pm.
- See attached RFI log. (2)
- See attached Substitution Request #002. (6)

Changes to the Specifications:

- INVITATION TO BID, fifth sentence down, under bid due date, revise “and read aloud via Zoom by invitation only.” to read “privately.” (*per Owner*)

The bid date remains unchanged by this Addendum.

The addendum consists of nine (9) pages of 8½” x 11” text .
End of Addendum #2



SILVER PETRUCELLI + ASSOCIATES
 3190 Whitney Avenue | Hamden CT 06518
 311 State Street | New London CT 06320

BID RFI LOG

Project: **Staples High School Field House Flooring Replacement**
 State Project/Bid #: _____
 S/P+A Project #: **23.334**

RFI Deadline: **12/30/24**
 Bids Due: **01/10/25**

RFI #	QUESTION	DATE RECEIVED	RESPONSE	ADDENDUM # ISSUED
001	The specification calls for Robbins Classic 110, an 11mm system with 9mm shock pad and 2mm of urethane. However, in the shock pad description in the spec, the proposed thickness of the pad is listed as 10 mm. With 2 mm of urethane, that would equal 12 mm total which is not common. Can you please clarify that the proper spec is Robbins 110, with a 9mm shock pad and 11mm in total thickness?	12/10/24	Shock pad thickness of the Robbins Classic 110 is 9mm. Refer to Addendum #1.	1
002	Is there a GC bidders list you can share, or is the SD looking for just one contractor to handle all of the work?	12/10/24	Refer to pre-bid sign-in sheet, Addendum #1.	1
003	In the specification 096766 Fluid-Applied Athletic Flooring the specified product is the Robbins Pulastic Classic 110 which is a standard 9 + 2. In the specifications under C-Materials you list the base mat thickness as 10mm. Please clarify if you are looking for a 9 or 10mm base mat thickness	12/16/24	See response to #001, above.	1
004	The Kavara/Vaporshield AB 300 vapor barrier that is specified is a sheet system. Can a fluid applied vapor barrier such as the Koester VAP 1 vapor barrier system be used in lieu of the specified product?	12/16/24	No, bid as specified. Without proper substitution request, we are unable to verify compatibility. Upon contract award, the awarded contractor may discuss viability of substitution with Owner.	1
005	Can a temporary wall be built outside the interior field house doorways and exit out the doors that are ground level in order to remove the mercury floor into a dumpster?	12/16/24	Yes.	2
006	Please confirm the use of organic HEPA charcoal filters in the Negative Pressure Air Scrubbers are a requirement.	12/17/24	Yes.	2
007	Please confirm the use of organic HEPA charcoal filters in the HEPA Vacuums are a requirement.	12/17/24	Yes.	2
008	As the requirements for Negative air be exhausted exterior to building, will the construction and use of a temp. plywood infill be allowed at an exterior door?	12/17/24	Yes.	2
009	Can the removal of a window(s) be allowed and Temp install of a wood panel for negative air used?	12/17/24	See above response.	2
010	Please confirm the use of the space at the main level, roll up door near the NW entrance can be utilized for dumpster placement as discussed on site.	12/17/24	Yes.	2
011	Please confirm hallway from roll-up in field house across from exterior roll-up can be utilized as a contained areaway for safe transport of removed mercury flooring from gym to dumpster.	12/17/24		
012	Please confirm if the removal can be performed in sections or halves to allow removals and installation of new to occur at same time.	12/17/24	The Owner and Engineer have no objection as long as approach does not impede the schedule and the project is finished on time.	2
013	Please confirm if a full time safety officer is required while on site for mercury remediation.	12/17/24	Full time, No.	2
014	The levels of mercury are extremely high and the disposal would be as high level RCRA 8 regulated waste. The specifications indicate low level disposal. What is considered low level for this high-level tested flooring removal.	12/17/24	Refer to Spec Section 3.3C- Disposal as Hazardous High Mercury Wastes.	2
015	Will the use of in house electrical be available for removals specifically 3 phase for HEPA equipped blasters?	12/17/24	Yes.	2
016	Will water be available?	12/17/24	Yes.	2
017	Does the town have an on-staff electrician that can connect and disconnet temp electrical panels?	12/17/24	Yes.	2
018	Will on-site parking be available for workers?	12/17/24	Yes.	2
019	Will temporary facilities be provided?	12/17/24	Further clarification is required on this question. Job site trailers and Port-O-Lets are to be provided by Contractor. Additionally, per specification, temporary facilities related to Mercury abatement are to be provided by contractor and attached to the containment.	2
020	Will the school be occupied by students when work is to occur?	12/17/24	School will not be occupied in the vicinity of the field house over the summer during the abatement process. Any public in the school over the summer will be kept clear of the field house. The school will be occupied once again with students in August but they will be kept clear of the field house while the new flooring system is being installed.	2
021	If we are to provide temporary facilities, where would placement be in respect to the field house?	12/17/24	A location will be provided as close to the work area as possible.	2
022	As the removals require doors in the hallway be open to remove the flooring under the doors and door thresholds, can the hallway be restricted, off-limits to students.	12/17/24		



SILVER PETRUCELLI + ASSOCIATES
3190 Whitney Avenue | Hamden CT 06518
311 State Street | New London CT 06320

BID RFI LOG

Project: **Staples High School Field House Flooring Replacement**
State Project/Bid #:
S/P+A Project #: **23.334**

RFI Deadline: **12/30/24**
Bids Due: **01/10/25**

RFI #	QUESTION	DATE RECEIVED	RESPONSE	ADDENDUM # ISSUED
023	Will any classes be in the close vicinity?	12/17/24	Classes will not be in session during the abatement scope of work time frame and any classes will be kept clear of the field house, as logistically possible, once the school year resumes.	2
024	If classes are in the close vicinity, can they be relocated to allow hallway closure?	12/17/24		



SUBSTITUTION REQUEST (During the Bidding Phase)

Project: Staples High School Field House Flooring Replacement

Substitution Request Number: _____ For Architect to fill in

From: Dynamic Sports Construction, Inc.

To: Silver Petrucelli + Associates, Inc.

Date: 12/19/2024

Re: Substitution Request

A/E Project Number: 23.334

Contract For: 096766 – Fluid-Applied Athletic Flooring

Specification Title: Fluid-Applied Athletic Flooring

Description: Robbins Pulastic Classic 110

Section: 096766 Page: 3

Article/Paragraph: 2.1.A.1.a

Proposed Substitution: DynaForce® 9 + 2

Manufacturer: Dynamic Sports Construction, Inc.

Phone: 512-260-6722

Trade Name: Same

Model No.: n/a

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Kirby Foray

Signed by: *Kirby Foray*

Firm: Dynamic Sports Construction, Inc.

4338 W. Highway 82, Gainesville, TX 76240

Telephone: 512-260-6722

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specifications
- Substitution approved as noted - Make submittals in accordance with Specifications
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____

Supporting Data Attached: Drawings Product Data Specifications

Accepted with the following comments:

Moisture Barrier: Substitute must confirm compatibility with our specified self-adhered vapor barrier, Kovara/Vaporshield AB300, (Section 096766, Article 2.2C.1.a.) or provide an equal compatible vapor barrier as a substitution request (submitted in the same required format, with side-by-side comparison).

Quality Assurance: Our spec calls for installer to have 24-hour repair response availability. Substitution documents do not denote availability of that service, and therefore must confirm that requirement can be met.

Ongoing Maintenance: Our spec calls for a 12-month maintenance contract by the flooring installer, with an alternate to extend for two more years after that (with each year cost broken out separately). Substitution documents do not outline availability of ongoing maintenance, and because flooring manufacturer and installer are the same source, availability of that service must be confirmed.



**Comparative Product Data
DynaForce® vs. Pulastic Classic 110**

Standards	DynaForce® 9+2	Robbins Pulastic Classic 110
Physical Properties		
Resilient Base Mat - 9mm	Prefabricated rubber mat made of all recycled rubber granules bound with MDI polyurethane binder.	Standard base mats of granulated recycled rubber in polyurethane binder.
Adhesive	Two-component polyurethane	Two-component polyurethane
Base Mat Sealer	Two-component polyurethane sealer	Two-component polyurethane sealer
Polyurethane Resin	Pigmented, two-component ZERO MERCURY polyurethane	Pigmented, two-component polyurethane
Coatings	Pigmented, two-component waterborne polyurethane	Pigmented, two-component polyurethane
Gamelines	Pigmented, two-component waterborne polyurethane paint	Pigmented, two-component polyurethane
Total Flooring Thickness	9+2 (11mm)	9+2 (11mm)
100% Made in the USA	YES	NO
Performance Properties		
Shock Absorption	23%-45% (18032)	35% (18032)
Coefficient of Friction	0.4 - 0.7 (18032)	0.46 (18032)
Ball Rebound	>98% (18032)	98% (18032)
Top Layer Properties		
Tensile Strength	min 1,400 psi (53517)	1,160 psi (53455)
Elongation at Break	300% (53504)	150% (53455)
Surface Hardness	80 Shore A (53505)	80 Shore A (+ or - 5) (53505)
Tear Strength	min 35 N/mm (53515)	25 N/mm (53455)
Flammability	Class 1 Not Flammable (51960)	Class 1 Not Flammable (51960)

DYNAFORCE® INDOOR FLOORING SYSTEM



ENERGY STARTS WITH THE ATHLETE
DYNAFORCE® RAISES IT TO A HIGHER LEVEL



You'll find DynaForce® at hundreds of universities, schools & recreational facilities nationwide.

A hybrid system that merges the best attributes of sheet and poured systems so *any* athlete can excel. Best+Best=DynaForce®.

The beauty of this system isn't just its amazing looks. DynaForce® is about superior performance, safety and flexibility.

From basketball, & volleyball, to pickleball. PE to aerobics, soccer to football drills and more, DynaForce® delivers:

- **Greater customization.** You choose more or less padding, more or less resilience.
- **Superior energy return** for higher performance competition.
- **Greater tensile strength** for superior static & rolling load characteristics – think banquet tables, bleacher loads, fitness equipment.
- **Seamless, non-porous surface** enhances performance, durability and sanitation.

- **Easy, cost-efficient updating through refinishing** – no expensive removal or replacement.
- **Durability** – 15+ year life span!
- **Ideal shock absorption** for high performance *and* safety.

Reduced joint stress and fatigue, fewer injuries, greater player confidence, better quality training & competition, greater comfort

- **Long-term aesthetic appeal** – special finish, 8+ colors, customization.
- **Flexibility** – works in conjunction with our indoor track & other multi-purpose products.
- **Environmental stewardship** – DynaForce is recyclable, eligible for 6+ LEED points and installed with our Zero Mercury product formulations.

Dynamic: Pertaining to energy or power in motion; involving or causing energy, motion, action or change: opposite to static.

DYNAFORCE® INDOOR FLOORING SYSTEM



DYNAFORCE®: CONTAINED ENERGY THAT WILL PERFORM INTO THE NEXT DECADE AND BEYOND

DYNAFORCE®

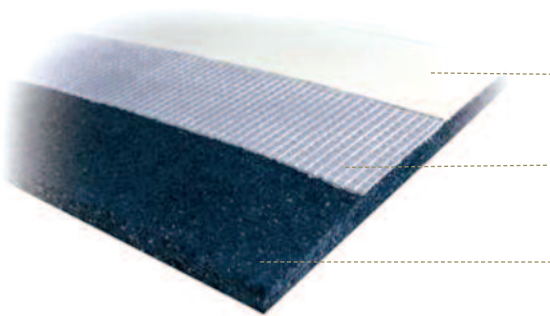
We customize each system to your needs. Choose...

- Your system thickness, from 6 mm to 16 mm, for desired performance.
- The surface texture and wear layer you need, from tennis to track.
- The right warranty for your investment.
- Customized color, logo and layout choices.



Made in
the USA

DynaForce® delivers unmatched durability through its incredibly strong top layer that will not separate over time. And it can be refinished without costly removal or replacement.



Seamless, self leveling 2 mm polyurethane wear layer performs like wood, with optimum slide and slip resistance and resilience. The next generation in polyurethane technology, DynaForce's resin is low maintenance, durable, anti-bacterial, impervious and virtually indestructible.

Optional fiberglass reinforcing layer for greater dimensional strength.

Dual-Durometer technology combines special polyurethane layer with technologically advanced base-mat underlay for greater durability and resistant wear. The result: a more predictable floor surface with superior deformation recovery and even distribution of point loads.

Bring on the sports, aerobics, equipment, banquets, street shoes...

- Low life-cycle cost due to ease of refinishing – no removal or replacement necessary.
- Available in a range of shock absorption levels, DynaForce's special recycled rubber pad delivers better, more consistent shock absorption and is eligible for LEED points.
- Specifically designed comfort layer returns maximum dimensional memory and load capacity.
- Special UV-cured polyurethane finish.

The Dynamic Story:

We are a premiere, full-service contractor specializing *only* in high performance and multipurpose flooring solutions. An American company, we take pride in delivering products made entirely in the USA in an **ISO 9001-2000 certified facility**.

We also take pride in our team. We employ the most experienced installation technicians in the industry to install 100+ indoor sports floors and running tracks annually. *No subcontractors*. And we manufacture, sell and install directly to you, the customer. We believe this is the best way to deliver a better product, plus it allows us to deliver *unmatched value pricing!* We're led by people who've been champions of this business for 15+ years.



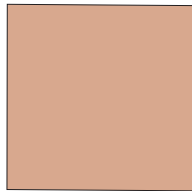
Environmental stewardship is at the core of the Dynamic philosophy. We create recyclable products from locally sourced materials, re-using existing and rapidly re-newable resources. Our VOC compliant sustainable systems are eligible for LEED points, installed with zero-mercury product formulations and are less chemically demanding.

Dynamic: Pertaining to energy or power in motion; involving or causing energy, motion, action or change: opposite to static.

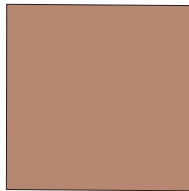
DYNAMIC COLOR OPTIONS



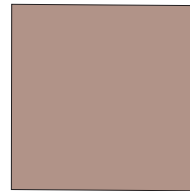
TOP COATING PRODUCTS



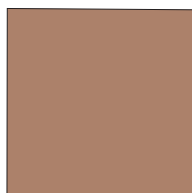
**Sahara
Tan**



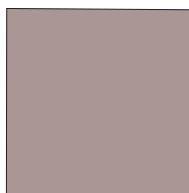
**Latte
Brown**



**Vintage
Bronze**



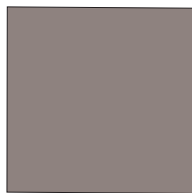
**Toasted
Almond**



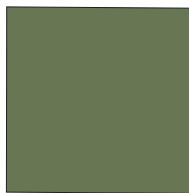
Lava



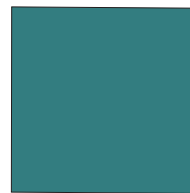
**Sterling
Silver**



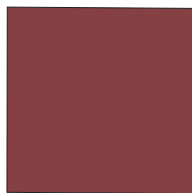
Fossil



**Sea
Green**



**Teal
Blue**



**Burnt
Red**



**Ocean
Blue**



**Anchor
Gray**

LINE PAINTS



White



Grey



Brown



Yellow



Orange



Red



Purple



Blue



Green



Black

This chart is representative of standard colors. Actual colors may vary.
Custom color matches are available and subject to a set-up charge with minimum quantities.

Dynamic: Pertaining to energy or power in motion; involving or causing energy, motion, action or change: opposite to static.



COMPLIANCE TESTED by berkeley analytical

VOC Emission Test Certificate

Product Name: DynaForce

Product Sample Information		Certificate Information	
Company:	Dynamic Sports Construction, Inc	Certificate No:	181019-01
Company Website:	www.dynamicsportsconstruction.com	Certified By:	 Raja S. Tannous, Laboratory Director
Product Type:	Flooring (all types)	Date:	October 19, 2018
Date Produced:	9/26/2018		

Reference Standard: California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017 (Emission testing method for CA Specification 01350)

Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario ¹	Individual VOCs of Concern ²		Formaldehyde ³		TVOC ⁴
	Criterion	Compliant?	Criterion	Compliant?	
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	> 0.5 - 4.9 mg/m ³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	> 0.5 - 4.9 mg/m ³

Product Coverage⁵: Not applicable

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.2-2017)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m³, effective Jan 1, 2012; previous limit was ≤16.5 µg/m³ (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m³, >0.5 – 4.9 mg/m³, and ≥5.0 mg/m³
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

Standards & Codes Recognizing CDPH Standard Method V1.2 (partial list)

- USGBC LEED Version 4, BD&C, ID&C
- The WELL Building Standard
- ANSI/GBI 01, Green Building Assessment Protocol
- Green Guide for Healthcare V2.2

Narrative: Dynamic Sports Construction, Inc selected a sample representative of its DynaForce, a polyurethane resilient rubber athletic flooring product and submitted it on 9/27/2018 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. The results of the test are presented in Berkeley Analytical report, 649-002-01A-Oct1918.

Berkeley Analytical is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, [TL-383](#)); all standards used in performing this test are in Berkeley Analytical's scope of accreditation.

DISCLAIMER: THIS CERTIFICATE OF COMPLIANCE AFFIRMS THAT: 1) A SAMPLE OF THE LISTED PRODUCT WAS TESTED ACCORDING TO THE REFERENCED STANDARD; 2) THE MEASURED VOC EMISSIONS FROM THE SAMPLE WERE EVALUATED FOR THE DEFINED EXPOSURE SCENARIO(S); AND 3) THE RESULTS MEET THE ACCEPTANCE CRITERIA OF THE REFERENCED STANDARD(S). BERKELEY ANALYTICAL IS NOT RESPONSIBLE FOR ANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON THIS TEST. BERKELEY ANALYTICAL PROVIDES THIS CERTIFICATE OF COMPLIANCE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.