Robertson Recreational Surfaces
A PLAYCORE Company

SPLASH TREAD SUPREME

Splash Tread Supreme
DOUBLE BROADCAST
SECTION 09 6700 FLUID-APPLIED FLOORING

1.01 PART 1 - GENERAL

1.02 SECTION INCLUDES

A. Fluid-applied flooring.
B. Divider strips and accessories.
C. Integral colored patterns.

1.03 DESCRIPTION

A. The Splash Tread Surfacing System is a super bonding, flexible synthetic resin modified rubber solid membrane coating which forms a cost effective, durable, anti-skid, weather and chemical resistant surface over properly prepared substrates. It can be applied to, but is not limited to, shower and restrooms, pool decks, pool interiors, splash pads, locker rooms, and most properly prepared surfaces.

1.04 RELATED REQUIREMENTS

A. Section 01 6116 - Volatile Organic Compound (VOC) Content Restrictions.
B. Section 07 9200 - Joint Sealants: Sealing joints between fluid-applied flooring and adjacent construction and fixtures.

1.05 ASTM TESTING REQUIREMENTS

Splash Tread meets or exceeds all required ASTM standards below.

A. ASTM G21-15 Fungi Test
B. AS/NZS 4586 Pendulum Test (Slip Resistance)
C. ASTM D4060 Taber Abrasion
D. ASTM D1171-99(07)
E. ASTM D2859 Fire Resistance Test
F. Maricopa County Chemical Leaching Test

1.06 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns and colors available.
C. All testing data.
D. Samples: Submit two samples, 6 inches (152.4 mm) in size illustrating color and pattern for each floor material for each color specified.
E. Manufacturer's Installation Instructions: Indicate special procedures.
F. Maintenance Data: Include maintenance procedures, recommended maintenance materials, procedures for stain removal, repairing surface, and suggested schedule for cleaning.

1.07 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum five years documented experience.

B. Applicator Qualifications: Company specializing in performing the work of this section.
   1. Minimum five years of documented experience.
   2. Approved by manufacturer.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store off the ground and covered; handle and protect products from moisture in accordance with manufacturer's instructions.

B. Deliver materials in manufacturer's unopened containers, fully identified with brand, type, and all other qualifying information. Provide Material Safety Data Sheets for each product. C. Take necessary precautions to keep products clean, dry and free of damage.

1.09 FIELD CONDITIONS

A. Do not apply if substrate temperature is below 50 degrees F or above 100 degrees F, or if ambient temperature below 50 degrees or above 100 degrees.

B. Do not apply if precipitation is expected within a twenty-four (24) hour period.

C. Surface Preparation: Surface may consist of:
   1. Concrete: Shot blast, High pressure washing, Scarifying as needed for proper adhesion.
   2. For attenuated requirements: Attenuated cushion layer with minimum 3/8” SBR, EPDM or TPV cap. Attenuated system must allow proper relief to connecting sidewalks for 3/8” or 3/16” Splash Tread installation.
   3. Adheres to properly prepared concrete, asphalt, wood, patterned metal, plaster, rock / pebble surfaces, brick, existing or new attenuated poured in place surfaces, most epoxy surfaces and acrylic surfaces.
   4. Manufacturer approved surface preparation Drain/nozzle locations:
      a. Drain to be in the range of 3/16 to 3/8 inch higher than surrounding surface as recommended by manufacturer.
      b. Recessed or flush drain and obstructions: Grind 1/4-inch-deep by 2 inches wide keyway around drain/nozzle or obstruction. Splash Tread liquid to fill keyway and be level to drain/nozzle.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Fluid-Applied Flooring:
   1. Robertson Recreational Surfaces, 2414 W 12th St, Tempe, Arizona 85281; www.robertsonsurfaces.com

2.02 MATERIALS

A. Fluid-Applied Flexible Synthetic Rubber Coating
   1. Splash Tread Surfacing comprised of:
      1 Part A: Liquid Polymer
      2 Part B: Catalyst

3 Part C: Poly Dust
4 Broadcast: Thermoplastic Vulcanizate Rubber Granules (TPV): .5mm-1.5mm. EPDM Not Acceptable.

2. Color: As selected by Architect.

B. Clear Sealer
1. Clear Seal: chlorine and UV resistant.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.
B. Verify the following substrate conditions before application of Splash Tread Surfacing System:
1. That substrate condition is satisfactory and in accordance with manufacturer's instructions.
2. New concrete has cured for a minimum of 28 days and is free of moisture.
3. That concrete surfaces are free of voids, spalled areas, loose aggregate and sharp protrusions.

3.02 PREPARATION

A. Substrate must be structurally sound and free from grease, oil, dirt, dust, sealers, water repellents and other foreign materials which may interfere with proper bonding.
B. Cleaning may be accomplished by shot blasting, sand blasting, mechanical sanding, acid etching, or maximum 3500 psi power washing.
C. If the surface is cleaned with muriatic acid, it must be thoroughly neutralized by flushing with a solution of baking soda and water.
D. Smooth steel troweled concrete must be roughened to ensure a good bond.
E. If patching of the concrete surface is necessary, it may be re-leveled with appropriate patching materials.
F. Adheres to properly prepared concrete, asphalt, wood, patterned metal, plaster, rock / pebble surfaces, brick, existing or new attenuated poured in place surfaces, most epoxy surfaces and acrylic surfaces. Splash Tread has been tested on the above listed surfaces but is not limited to them.
G. Edge termination:
1. Wall: Splash Tread liquid to self-level against wall at applied thickness.
2. Tile: Tile to be in the range of 3/16 to 3/8 inch (depending on thickness of Splash Tread) above level of surface. Splash Tread liquid to terminate flush.
3. Tile flush with surface: Cut keyway 1/4-inch-deep by 2 inches wide around tile. Splash Tread liquid to terminate flush.
4. Keyway:
a. Cut 1/4 inch deep by 2 inch wide keyway along edge. Splash Tread liquid to fill keyway and terminate flush.
b. Tape along edge to form a barrier and fill to top of tape.
5. Edge coping: Terminate into nearest expansion joint or keyway-cut with Splash Tread liquid. Apply Splash Tread to coping with brush utilizing several applications per manufacturer's

instructions.

H. Vertical application: Apply Splash Tread liquid with trowel, brush or roller utilizing several applications as recommended by manufacturer.

3.03 INSTALLATION - FLOORING

A. Apply in accordance with manufacturer's instructions for application and curing.

1. Splash Tread Surfacing is a 3-part mixture that has an A, B, and C component prepackaged at the proper quantities. Take Part B and pour it into the Part A bucket mix until material is blended uniformly. Add Part C and blend.
2. Once all materials are in bucket A, mix vigorously to disperse all lumps and to thoroughly wet all particles. Suggested 2-3 minutes after all part C material added. Use margin trowel to clear vessel sides.
3. The pot life of one 5-gallon bucket depending on temperature and atmosphere is 25-35 minutes. Work Time of Splash Tread Surfacing depending on temperature and atmosphere.
4. 1st broadcast Splash Tread layer: Mixed Splash Tread Liquid Surfacing is applied by notched trowel or notched squeegee in one coat at 3/16 inch depending on surface condition. If performing only a single broadcast, apply at ¼ inch depth.
5. Apply Splash Tread liquid in enough area to start the broadcast of .5-1.5 mm rubber granules. Broadcast rubber granules to refusal into Splash Tread liquid.
6. When Splash Tread Surfacing is being applied on a slope or vertical surface it must be applied in 3/16 inch or less a coat. This also applies to doing any coping or edging on a surface. If performing only a single broadcast, skip to step 11 below.
7. After a dry time of 12 – 48 hours depending on the temperature and weather, the newly applied Splash Tread Surfacing is cured enough to walk on.
8. Use of pressure washer, brooms and/or shop vacuums to remove excess broadcasted rubber granules from surface to be used in second broadcast. Re-usable broadcast must be free of debris and dirt, or different color rubber from adjacent splash pad.
9. 2nd broadcast Splash Tread Layer (if applicable): Mixed Splash Tread Liquid Surfacing is applied by magic trowel in one coat at 3/16 inch depending on surface condition.
10. Apply Splash Tread liquid in enough area to start the 2nd broadcast of .5-1.5 mm rubber granules. Broadcast rubber granules to refusal into Splash Tread liquid.
11. After a dry time of 12 – 48 hours depending on the temperature and weather the newly applied Splash Tread Surfacing is cured enough to walk on.
12. Use of brooms and shop vacuums to remove excess broadcasted rubber granules from surface to be used in second broadcast.
13. Each 5-gallon pail as described under “APPLICATION,” will yield approximately 120 sq. ft. per layer, depending on surface conditions at ¼ inch thick.
14. 0.8 lbs. per square foot of .5-1.5 mm rubber granules is required to broadcast each layer application with a total system depth of 3/8 inch.
15. APPLY CLEAR SEAL WITH airless sprayer. Back roll with ¾ inch “dry” nap roller. Recommended two coats of Clear Seal. Allow a minimum of 2-4 hours to dry before foot traffic.
16. DO NOT DILUTE CLEAR SEAL! Mix to uniformity only.
17. Allow to cure for a minimum of 24-48 hours before commencing foot traffic, 72 hours for water

use, depending on weather and temperature.

18. Each gallon of CLEAR SEAL will cover approximately 180 - 200 sq. ft. per gallon, depending on surface texture and/porosity.

B. DO NOT USE IF CURRENT SUBSTRATE MAY BE SUBJECT TO NEGATIVE SIDE WATER OR WATER VAPOR PRESSURE.

3.04 PROTECTION

A. Prohibit traffic on floor finish for 48 hours after installation; 72 hours for water use.

B. Barricade area to protect flooring until fully cured.

END OF SECTION

Splash Tread Supreme
LLR
SECTION 09 6700 FLUID-APPLIED FLOORING

1.01 PART 1 - GENERAL

1.02 SECTION INCLUDES
A. Fluid-applied flooring.
B. Divider strips and accessories.
C. Integral colored patterns.

1.03 DESCRIPTION
A. The Splash Tread Surfacing System is a super bonding, flexible synthetic resin modified rubber solid membrane coating which forms a cost effective, durable, anti-skid, weather and chemical resistant surface over properly prepared substrates. It can be applied to, but is not limited to, shower and restrooms, pool decks, pool interiors, splash pads, locker rooms, and most properly prepared surfaces.

1.04 RELATED REQUIREMENTS
A. Section 01 6116 - Volatile Organic Compound (VOC) Content Restrictions.
B. Section 07 9200 - Joint Sealants: Sealing joints between fluid-applied flooring and adjacent construction and fixtures.

1.05 ASTM TESTING REQUIREMENTS
Splash Tread meets or exceeds all required ASTM standards below.
A. ASTM G21-15 Fungi Test
B. AS/NZS 4586 Pendulum Test (Slip Resistance)
C. ASTM D4060 Taber Abrasion
D. ASTM D1171-99(07)
E. ASTM D2859 Fire Resistance Test
F. Maricopa County Chemical Leaching Test

1.06 SUBMITTALS
A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns and colors available.
C. All testing data.
D. Samples: Submit two samples, 6 inches (152.4 mm) in size illustrating color and pattern for each floor material for each color specified.
E. Manufacturer's Installation Instructions: Indicate special procedures.
F. Maintenance Data: Include maintenance procedures, recommended maintenance materials, procedures for stain removal, repairing surface, and suggested schedule for cleaning.

1.07 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum five years documented experience.

B. Applicator Qualifications: Company specializing in performing the work of this section.

1. Minimum five years of documented experience.
2. Approved by manufacturer.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store off the ground and covered; handle and protect products from moisture in accordance with manufacturer's instructions.

B. Deliver materials in manufacturer's unopened containers, fully identified with brand, type, and all other qualifying information. Provide Material Safety Data Sheets for each product. C. Take necessary precautions to keep products clean, dry and free of damage.

1.09 FIELD CONDITIONS

A. Do not apply if substrate temperature is below 50 degrees F or above 100 degrees F, or if ambient temperature below 50 degrees or above 100 degrees.

B. Do not apply if precipitation is expected within a twenty-four (24) hour period.

C. Surface Preparation: Surface may consist of:

1. Concrete: Shot blast, High pressure washing, Scarifying as needed for proper adhesion.
2. For attenuated requirements: Attenuated cushion layer with minimum 3/8” SBR, EPDM or TPV cap. Attenuated system must allow proper relief to connecting sidewalks for 3/8” or 3/16” Splash Tread installation.
3. Adheres to properly prepared concrete, asphalt, wood, patterned metal, plaster, rock / pebble surfaces, brick, existing or new attenuated poured in place surfaces, most epoxy surfaces and acrylic surfaces.
4. Manufacturer approved surface preparation Drain/nozzle locations:
   a. Drain to be in the range of 3/16 to 3/8 inch higher than surrounding surface as recommended by manufacturer.
   b. Recessed or flush drain and obstructions: Grind 1/4-inch-deep by 2 inches wide keyway around drain/nozzle or obstruction. Splash Tread liquid to fill keyway and be level to drain/nozzle.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Fluid-Applied Flooring:

1. Robertson Recreational Surfaces, 2414 W 12th St, Tempe, Arizona 85281; www.robertsonsurfaces.com

2.02 MATERIALS

A. Fluid-Applied Flexible Synthetic Rubber Coating

1. Splash Tread Surfacing comprised of:
    1 Part A: Liquid Polymer
    2 Part B: Catalyst
    3 Part C: Poly Dust
    4 Broadcast: Thermoplastic Vulcanizate Rubber Granules (TPV): .5mm-1.5mm. EPDM Not Acceptable.
2. Color: As selected by Architect.

B. Clear Sealer
1. Clear Seal: chlorine and UV resistant.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.
B. Verify the following substrate conditions before application of Splash Tread Surfacing System:
    1. That substrate condition is satisfactory and in accordance with manufacturer's instructions.
    2. New concrete has cured for a minimum of 28 days and is free of moisture.
    3. That concrete surfaces are free of voids, spalled areas, loose aggregate and sharp protrusions.

3.02 PREPARATION

A. Substrate must be structurally sound and free from grease, oil, dirt, dust, sealers, water repellents and other foreign materials which may interfere with proper bonding.
B. Cleaning may be accomplished by shot blasting, sand blasting, mechanical sanding, acid etching, or maximum 3500 psi power washing.
C. If the surface is cleaned with muriatic acid, it must be thoroughly neutralized by flushing with a solution of baking soda and water.
D. Smooth steel troweled concrete must be roughened to ensure a good bond.
E. If patching of the concrete surface is necessary, it may be re-leveled with appropriate patching materials.
F. Adheres to properly prepared concrete, asphalt, wood, patterned metal, plaster, rock / pebble surfaces, brick, existing or new attenuated poured in place surfaces, most epoxy surfaces and acrylic surfaces. Splash Tread has been tested on the above listed surfaces but is not limited to them.
G. Edge termination:
    1. Wall: Splash Tread liquid to self-level against wall at applied thickness.
    2. Tile: Tile to be in the range of 3/16 to 3/8 inch (depending on thickness of Splash Tread) above level of surface. Splash Tread liquid to terminate flush.
    3. Tile flush with surface: Cut keyway 1/4-inch-deep by 2 inches wide around tile. Splash Tread liquid to terminate flush.
    4. Keyway:
        a. Cut 1/4 inch deep by 2 inch wide keyway along edge. Splash Tread liquid to fill keyway and terminate flush.

b. Tape along edge to form a barrier and fill to top of tape.

5. Edge coping: Terminate into nearest expansion joint or keyway-cut with Splash Tread liquid. Apply Splash Tread to coping with brush utilizing several applications per manufacturer's instructions.

H. Vertical application: Apply Splash Tread liquid with trowel, brush or roller utilizing several applications as recommended by manufacturer.

3.03 INSTALLATION - FLOORING

A. Apply in accordance with manufacturer's instructions for application and curing.

1. Splash Tread Surfacing is a 3-part mixture that has an A, B, and C component prepackaged at the proper quantities. Take Part B and pour it into the Part A bucket mix until material is blended uniformly. Add Part C and blend.
2. Once all materials are in bucket A, mix vigorously to disperse all lumps and to thoroughly wet all particles. Suggested 2-3 minutes after all part C material added. Use margin trowel to clear vessel sides.
3. The pot life of one 5-gallon bucket depending on temperature and atmosphere is 25-35 minutes. Work Time of Splash Tread Surfacing depending on temperature and atmosphere.
4. 1st application Splash Tread layer: Mixed Splash Tread Liquid Surfacing is applied by notched trowel or notched squeegee in one coat at ¼ inch depth (may be applied thicker if required).
5. When Splash Tread Surfacing is being applied on a slope or vertical surface it must be applied in 3/16 inch or less a coat.
6. After a dry time of 12 – 48 hours depending on the temperature and weather, the newly applied Splash Tread Surfacing is cured enough to walk on.
7. 2nd application Splash Tread Layer: Mixed Splash Tread Liquid Surfacing is applied by magic trowel or notched trowel in one coat at 3/16 inch depending on surface condition.
8. Apply Splash Tread liquid in enough area to start the broadcast of .5-1.5 mm rubber granules. Broadcast rubber granules to refusal into Splash Tread liquid.
9. After a dry time of 12 – 48 hours depending on the temperature and weather the newly applied Splash Tread Surfacing is cured enough to walk on.
10. Use of brooms and shop vacuums to remove excess broadcasted rubber granules from surface to be used in second application.
11. Each 5-gallon pail as described under “APPLICATION,” will yield approximately 120 sq. ft. per layer, depending on surface conditions at ¼ inch thick.
12. 0.8 lbs. per square foot of .5-1.5 mm rubber granules is required to broadcast final application with a total system depth of 3/8 inch.
13. APPLY CLEAR SEAL WITH airless sprayer. Back roll with ¾ inch “dry” nap roller. Recommended two coats of Clear Seal. Allow a minimum of 2-4 hours to dry before foot traffic.
14. DO NOT DILUTE CLEAR SEAL! Mix to uniformity only.
15. Allow to cure for a minimum of 24-48 hours before commencing foot traffic, 72 hours for water use, depending on weather and temperature.
16. Each gallon of CLEAR SEAL will cover approximately 180 - 200 sq. ft. per gallon, depending on surface texture and/porosity.

B. DO NOT USE IF CURRENT SUBSTRATE MAY BE SUBJECT TO NEGATIVE SIDE WATER OR

WATER VAPOR PRESSURE.

3.04 PROTECTION

A. Prohibit traffic on floor finish for 48 hours after installation; 72 hours for water use.

B. Barricade area to protect flooring until fully cured.

END OF SECTION

Robertson Recreational Surfaces
A PLAYCORE Company

SPLASH TREAD SUPREME

Splash Tread Supreme
SINGLE BROADCAST
SECTION 09 6700 FLUID-APPLIED FLOORING

1.01 PART 1 - GENERAL

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2. For attenuated requirements: Attenuated cushion layer with minimum 3/8" SBR, EPDM or TPV cap. Attenuated system must allow proper relief to connecting sidewalks for Splash Tread installation.
3. Adheres to properly prepared concrete, asphalt, wood, patterned metal, plaster, rock / pebble surfaces, brick, existing or new attenuated poured in place surfaces, most epoxy surfaces and acrylic surfaces.
4. Manufacturer approved surface preparation Drain/nozzle locations:
   a. Drains to be set at Splash Tread installation depth to ensure flush connection.
   b. Recessed or flush drain and obstructions: Grind 1/4-inch-deep by 2 inches wide keyway around drain/nozzle or obstruction. Splash Tread liquid to fill keyway and be level to drain/nozzle.

PART 2 - PRODUCTS

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    1. Wall: Splash Tread liquid to self-level against wall at applied thickness.
    2. Tile: Tile to be set at Splash Tread installation depth to ensure flush connection.
    3. Tile flush with surface: Cut keyway 1/4-inch-deep by 2 inches wide around tile. Splash Tread liquid to terminate flush.
    4. Keyway:
        a. Cut 1/4 inch deep by 2 inch wide keyway along edge. Splash Tread liquid to fill keyway and terminate flush.
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3.03 INSTALLATION - FLOORING

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   1. Splash Tread Surfacing is a 3-part mixture that has an A, B, and C component prepackaged at the proper quantities. Take Part B and pour it into the Part A bucket mix until material is blended uniformly. Add Part C and blend.
   2. Once all materials are in bucket A, mix vigorously to disperse all lumps and to thoroughly wet all particles. Suggested 2-3 minutes after all part C material added. Use margin trowel to clear vessel sides.
   3. The pot life of one 5-gallon bucket depending on temperature and atmosphere is 25-35 minutes.
   4. 1st broadcast Splash Tread layer: Mixed Splash Tread Liquid Surfacing is applied by notched trowel or notched squeegee in one coat at ¼ inch depth (may be applied thicker if required).
   5. Apply Splash Tread liquid in enough area to start the broadcast of .5-1.5 mm rubber granules. Broadcast rubber granules to refusal into Splash Tread liquid
   6. When Splash Tread Surfacing is being applied on a slope or vertical surface it must be applied in 3/16 inch or less a coat. This also applies to doing any coping or edging on a surface.
   7. After a dry time of 12 – 48 hours depending on the temperature and weather the newly applied Splash Tread Surfacing is cured enough to walk on.
   8. Use of brooms and shop vacuums to remove excess broadcasted rubber granules from surface.
   9. Each 5-gallon pail as described under “APPLICATION,” will yield approximately 60 sq. ft., depending on surface conditions at ¼ inch thick.
   10. APPLY CLEAR SEAL WITH airless sprayer. Back roll with ¾ inch nap roller. Recommended two coats of Clear Seal. Allow a minimum of 2-4 hours to dry before foot traffic.
   11. DO NOT DILUTE CLEAR SEAL! Mix to uniformity only.
   12. Allow to cure for a minimum of 24-48 hours before commencing foot traffic, 72 hours for water use, depending on weather and temperature.
   13. Each gallon of CLEAR SEAL will cover approximately 180 - 200 sq. ft. per gallon, depending on surface texture and/porosity.

B. DO NOT USE IF CURRENT SUBSTRATE MAY BE SUBJECT TO NEGATIVE SIDE WATER OR WATER VAPOR PRESSURE.

3.04 PROTECTION

A. Prohibit traffic on floor finish for 48 hours after installation; 72 hours for water use.

B. Barricade area to protect flooring until fully cured.

END OF SECTION