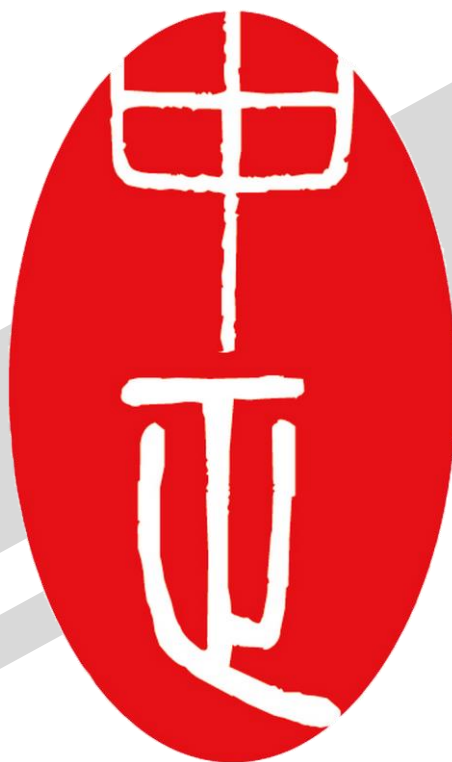




## Laboratory Test Report

### FIBA Approval Programme for Basketball Equipment

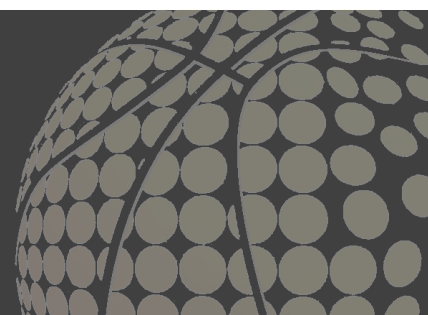
Handbook of Test Methods and Requirements for  
**3x3 and Outdoor Basketball Equipment** – November 2020 Edition V1.0

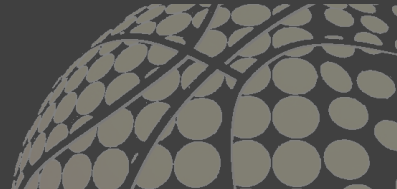
Manufacturer Name: **Hebei Enlio Sports Goods Co., Ltd**

Model Name: **SES ELITE**

|              |         |            |      |
|--------------|---------|------------|------|
| 3x3 Flooring | Level 1 | 25/11/2021 | PASS |
|--------------|---------|------------|------|

*This is not a Certificate of Approval*





## Introduction

Test results, in accordance with the FIBA Equipment & Venue Centre Approval Programme for Basketball Equipment, are presented in full within this report. This report does not imply FIBA approval or certification regardless of its contents or compliance to the FIBA requirements. FIBA approval or certification will always be awarded to the applicant directly from FIBA. Neither FIBA, nor the Test laboratory accept responsibility to third parties to whom this report, or any part thereof, is made known.

## Declaration of Conformity

We certify that the tests described in this report have been carried out in accordance with the latest publication of the FIBA Handbook of Test Methods and Requirements and this report accurately reflects the outcome of the tests conducted. We also confirm that, to the best of our knowledge, all samples submitted for certification were done so in accordance with the requirements of the handbook.

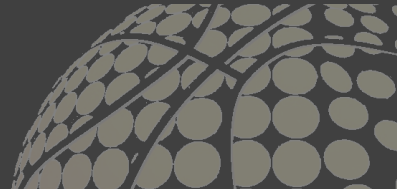
|                    |                                                                                    |                    |                                                                                      |
|--------------------|------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|
| Report Written By: | Jia Zuxiao                                                                         | Report Checked By: | Liu Guochao                                                                          |
| Date:              | 24/11/2021                                                                         | Date:              | 25/11/2021                                                                           |
| Signed:            |  | Signed:            |  |

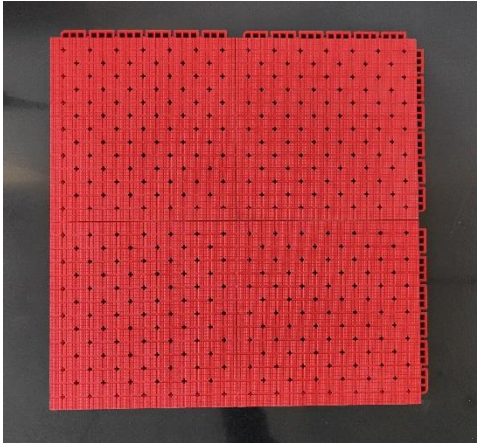
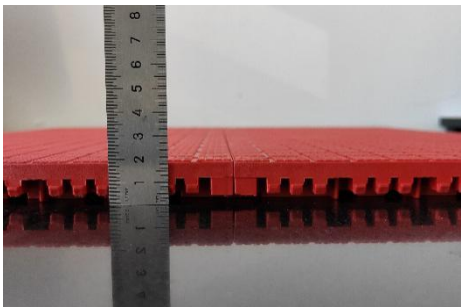
## Test Laboratory

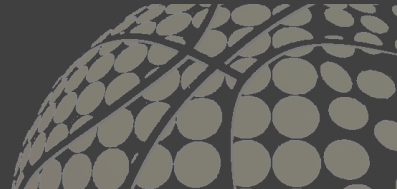
|                           |                                               |
|---------------------------|-----------------------------------------------|
| Test Laboratory Name:     | Jiangsu Zhongzheng Testing Co., Ltd           |
| Address:                  | No.825 Room, No.108 HeFeng Road, HuaQiao Town |
| City & Postal (ZIP) Code: | KunShan City & 215300                         |
| State or Province:        | Jiangsu                                       |
| Country:                  | China                                         |
| Telephone:                | 86-512-36857685                               |
| Email:                    | china.service@global-otc.com                  |

## Product Manufacturer

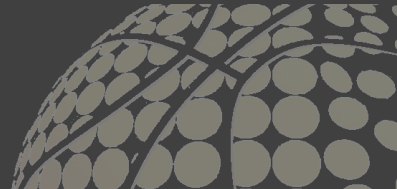
|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Manufacturer's Name:      | Hebei Enlio Sports Goods Co., Ltd                                  |
| Contact Name:             | Yi Xuxu                                                            |
| Address:                  | 10#Block, 4th Floor, Fang Da Science Park, No. 266 TianShan Street |
| City & Postal (ZIP) Code: | Shijiazhuang & 050035                                              |
| State or Province:        | Hebei                                                              |
| Country:                  | China                                                              |
| Telephone:                | 86-18832131031                                                     |
| Email:                    | 773400416@qq.com                                                   |



| Product Description                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface Type:                                                                                                                                                                                                                                                                                                                                                                                                        | Point-elastic                   | <b>Surface Profile Image [Plan View]:</b><br>                   |
| Installation Type:                                                                                                                                                                                                                                                                                                                                                                                                   | Portable                        |                                                                                                                                                   |
| Sub-category:                                                                                                                                                                                                                                                                                                                                                                                                        | Interlocking plastic tiles      |                                                                                                                                                   |
| Surface Thickness [mm]:                                                                                                                                                                                                                                                                                                                                                                                              | Portable                        |                                                                                                                                                   |
| Sample Size:                                                                                                                                                                                                                                                                                                                                                                                                         | Other - Provide details below   |                                                                                                                                                   |
| Sample Size Note: 250mm*250mm; Surface Thickness: 20mm                                                                                                                                                                                                                                                                                                                                                               |                                 |                                                                                                                                                   |
| Sample Colour:                                                                                                                                                                                                                                                                                                                                                                                                       | Red                             | <b>Surface Profile Image [End Elevation]:</b><br>              |
| <b>Description of the Construction:</b><br>From top to bottom<br>1. Surface: Square groove design provides fast drainage and anti-slip even in rainy days. 2. Reinforced Layer: provides better shock absorption and ball rebound. 3. Support Layer: Improved support legs provide more stable structure and protect players from injury. 4. Elastic Connectors: Reinforced buckles reduce expansion and contraction |                                 |                                                                                                                                                   |
| <b>Note:</b> The surface image must show the below details, where this isn't possible in a single image, additional images can be submitted in the 'Additional Notes' Section of this document. <ul style="list-style-type: none"> <li>• Surface Laminations</li> <li>• Steel Rule placed to provide reference of sample thickness</li> </ul>                                                                        |                                 |                                                                                                                                                   |
| Sample Description                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                                                                                                                                                   |
| Number of samples submitted for testing:                                                                                                                                                                                                                                                                                                                                                                             |                                 | >10                                                                                                                                               |
| Laboratory Sample Reference No(s).                                                                                                                                                                                                                                                                                                                                                                                   | Global Reference No.            | 210803019-F1                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Sample 1                | N/A                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Sample 2, if applicable | N/A                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Sample 3, if applicable | N/A                                                                                                                                               |
| Test Laboratories are required to store a reference sample of the tested product for a period of 5-years.<br>By checking the box opposite, we confirm a 200x200mm sample has been placed in storage and will be retained for the minimum term of 5-years.                                                                                                                                                            |                                 | <input checked="" type="checkbox"/> A sample of the tested product has been placed in storage and shall be retained for at least a 5-year period. |



| Results Summary                                                                                                                                                                                                                                                         |                                           |                                                                  |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------|---------------------------------|
| Performance Property                                                                                                                                                                                                                                                    | Results                                   | Requirement                                                      | Pass/ Fail                      |
| Force Reduction                                                                                                                                                                                                                                                         | 37%                                       | Point-elastic L1: 25% - 75%                                      | PASS                            |
| Force Reduction Uniformity (absolute)                                                                                                                                                                                                                                   | 4%                                        | Point-elastic L1: $\pm 5\%$ from average                         | PASS                            |
| Vertical Deformation                                                                                                                                                                                                                                                    | 0.7mm                                     | Point-elastic: $\leq 3.5\text{mm}$                               | PASS                            |
| Vertical Deformation Uniformity (absolute)                                                                                                                                                                                                                              | 0.0mm                                     | $\pm 0.7\text{mm}$ from average                                  | PASS                            |
| Ball Rebound                                                                                                                                                                                                                                                            | 100%                                      | Level 1: $\geq 90\%$                                             | PASS                            |
| Ball Rebound Uniformity                                                                                                                                                                                                                                                 | -1%                                       | $\pm 3\%$ from average                                           | PASS                            |
| Slip Resistance (Dry)                                                                                                                                                                                                                                                   | 98                                        | Average: $\geq 80 \leq 110$                                      | PASS                            |
| Slip Resistance (Wet)                                                                                                                                                                                                                                                   | 35                                        | Average: $\geq 55 \leq 110$                                      | Not suitable for wet conditions |
| Resistance to Wear                                                                                                                                                                                                                                                      | 280 mg                                    | $\leq 1000\text{ mg}$                                            | PASS                            |
| Assembly/Disassembly Mechanism Durability                                                                                                                                                                                                                               | No visible deterioration                  | No visible deterioration                                         | PASS                            |
| UV Resistance - Resistance to Impact                                                                                                                                                                                                                                    | No presence of cracking or visible damage | Pre-weathering: No presence of cracking                          | PASS                            |
|                                                                                                                                                                                                                                                                         |                                           | Post-weathering: Informative only                                | Testing in progress             |
| UV Resistance - Colour Fastness                                                                                                                                                                                                                                         | Testing in progress                       | Post-weathering: Informative only (Guidance: $\geq$ Greyscale 3) | Testing in progress             |
| Dimensional Stability                                                                                                                                                                                                                                                   | 0.83%                                     | $\leq 1\%$                                                       | PASS                            |
| Water Permeability                                                                                                                                                                                                                                                      | $\geq 150\text{ mm/h}$                    | Permeable surface: $\geq 150\text{ mm/h}$                        | PASS                            |
| Court Markings                                                                                                                                                                                                                                                          | N/A                                       | $\pm 5\text{mm}$ of the requirements                             | N/A                             |
| Summary notes: 1. All test items were tested in the laboratory. 2.The surface infiltration is so high that it is not possible to achieve the required head. 3. The test of resistance to weathering is in progress, and test result will be submitted once it finishes. |                                           |                                                                  |                                 |



### Force Reduction - Overview

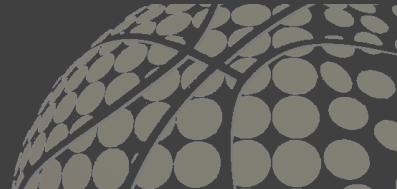
Force reduction is the ability of the surface to provide cushioning to the athlete during landing from a jump or during running. Higher force reduction values indicate a softer sports surface which absorbs the energy from impacts. A low force reduction value indicates a stiffer surface.

### Force Reduction – Requirements

| Test                                             | Category         | Level 1                         | Level 2                         |
|--------------------------------------------------|------------------|---------------------------------|---------------------------------|
| <b>Force Reduction<br/>(Absolute Uniformity)</b> | Point Elastic    | 25% - 75%<br>(±5% from average) | 11% - 75%<br>(±7% from average) |
|                                                  | Mixed Elastic    | 45% - 75%<br>(±5% from average) | 45% - 75%<br>(±5% from average) |
|                                                  | Area Elastic     | 40% - 75%<br>(±5% from average) | 40% - 75%<br>(±5% from average) |
|                                                  | Combined Elastic | 45% - 75%<br>(±5% from average) | 45% - 75%<br>(±5% from average) |

### Force Reduction – Results

|                                                |                 |                        |      |                                 |
|------------------------------------------------|-----------------|------------------------|------|---------------------------------|
| Date:                                          | 14/10/2021      | Air Temperature (°C):  | 23.2 |                                 |
| Operator:                                      | Jia Zuxiao      | Relative Humidity (%): | 52   |                                 |
| Location                                       | Measurement No. |                        |      | Average of Drops<br>No. 2 and 3 |
|                                                | D1              | D2                     | D3   |                                 |
| 1                                              | 35%             | 35%                    | 35%  | 35%                             |
| 2                                              | 36%             | 36%                    | 36%  | 36%                             |
| 3                                              | 39%             | 40%                    | 40%  | 40%                             |
| 4                                              | 35%             | 33%                    | 33%  | 33%                             |
| 5                                              | 40%             | 40%                    | 40%  | 40%                             |
| 6 (if applicable)                              | N/A             | N/A                    | N/A  | N/A                             |
| 7 (if applicable)                              | N/A             | N/A                    | N/A  | N/A                             |
| 8 (if applicable)                              | N/A             | N/A                    | N/A  | N/A                             |
| Calculated Uniformity from Measured Locations: |                 |                        |      | -4%                             |



### Vertical Deformation - Overview

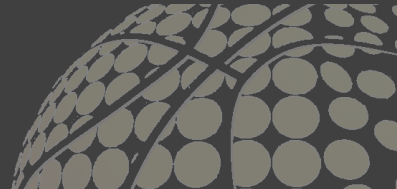
Vertical Deformation is the ability of the surface to deform during landing from a jump, during running or during any foot-floor contact. The test focuses on the deformation generated at the point of impact, and it is thought that vertical deformation values that are too high decrease foot stability. It involves computing a normalized deformation, measured in millimetres, under a standard load of 1500 N (ie 2.4 mm). A higher value for vertical deformation means that the sport surface deforms more during foot-floor impacts.

### Vertical Deformation – Requirements

| Test                 | Level 1 & 2 Outdoor Surfaces       |
|----------------------|------------------------------------|
| Vertical Deformation | Point Elastic: $\leq 3.5\text{mm}$ |
|                      | Mixed Elastic: $\leq 3.5\text{mm}$ |
|                      | Area Elastic: 1.5mm – 5.0mm        |
|                      | Combined Elastic: 1.5mm - 5.0mm    |
| Uniformity           | $\pm 0.7\text{mm}$ from average    |

### Vertical Deformation – Results

|                                                |                 |                        |       |                                 |
|------------------------------------------------|-----------------|------------------------|-------|---------------------------------|
| Date:                                          | 14/10/2021      | Air Temperature (°C):  | 23.2  |                                 |
| Operator:                                      | Jia Zuxiao      | Relative Humidity (%): | 52    |                                 |
| Location                                       | Measurement No. |                        |       | Average of Drops<br>No. 2 and 3 |
|                                                | D1              | D2                     | D3    |                                 |
| 1                                              | 0.8mm           | 0.7mm                  | 0.7mm | 0.7mm                           |
| 2                                              | 0.8mm           | 0.7mm                  | 0.7mm | 0.7mm                           |
| 3                                              | 0.8mm           | 0.7mm                  | 0.7mm | 0.7mm                           |
| 4                                              | 0.6mm           | 0.7mm                  | 0.7mm | 0.7mm                           |
| 5                                              | 0.8mm           | 0.7mm                  | 0.7mm | 0.7mm                           |
| 6 (if applicable)                              | N/A             | N/A                    | N/A   | N/A                             |
| 7 (if applicable)                              | N/A             | N/A                    | N/A   | N/A                             |
| 8 (if applicable)                              | N/A             | N/A                    | N/A   | N/A                             |
| Calculated Uniformity from Measured Locations: |                 |                        |       | 0.0mm                           |



### Ball Rebound - Overview

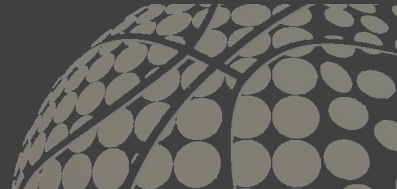
A basketball is released from a height of 1.8m and the height of its rebound from the surface calculated in accordance to EN 12235 and expressed as a percentage relative to that of a rebound on a concrete surface. Higher ball rebound values rebound to levels that are closer to those generated on concrete.

### Ball Rebound – Requirements

| Test                  | Level 1          | Level 2 |
|-----------------------|------------------|---------|
| Ball Rebound          | ≥90%             | ≥85%    |
| Uniformity (absolute) | ±3% from average |         |

### Ball Rebound – Results

|                   |                |        |        |                        |        |         |                      |
|-------------------|----------------|--------|--------|------------------------|--------|---------|----------------------|
| Date:             | 20/10/2021     |        |        | Air Temperature (°C):  |        | 22.5    |                      |
| Operator:         | Jia Zuxiao     |        |        | Relative Humidity (%): |        | 50      |                      |
| Location          | Measurement No |        |        |                        |        | Average | Percentage Rebound % |
|                   | 1              | 2      | 3      | 4                      | 5      |         |                      |
| Concrete          | 1.073m         | 1.073m | 1.073m | 1.073m                 | 1.073m | 1.073m  |                      |
| 1                 | 1.066m         | 1.064m | 1.064m | 1.066m                 | 1.064m | 1.065m  | 99                   |
| 2                 | 1.073m         | 1.068m | 1.073m | 1.073m                 | 1.071m | 1.072m  | 100                  |
| 3                 | 1.071m         | 1.071m | 1.071m | 1.071m                 | 1.071m | 1.071m  | 100                  |
| 4                 | 1.064m         | 1.062m | 1.066m | 1.064m                 | 1.064m | 1.064m  | 99                   |
| 5                 | 1.073m         | 1.071m | 1.071m | 1.071m                 | 1.071m | 1.071m  | 100                  |
| 6 (if applicable) | N/A            | N/A    | N/A    | N/A                    | N/A    | N/A     | N/A                  |
| 7 (if applicable) | N/A            | N/A    | N/A    | N/A                    | N/A    | N/A     | N/A                  |
| 8 (if applicable) | N/A            | N/A    | N/A    | N/A                    | N/A    | N/A     | N/A                  |
| Sample Average:   |                |        |        |                        |        | 1.068m  | 100                  |



### Slip Resistance - Overview

Slip Resistance also referred to as 'linear friction', is a measure of the surfaces ability to resist slippage and to provide adequate friction to allow players to make safe changes in direction during the game of basketball. Testing simulates the shoe-surface interface. Linear slip resistance, as detailed in EN 13036, is the indicative friction of the surface under skidding or quick stopping activities and is presented in whole number value (i.e. 100).

### Slip Resistance – Requirements

| Test                             | Level 1 & 2 Outdoor Surfaces |
|----------------------------------|------------------------------|
| Slip Resistance (Dry conditions) | Average $\geq 80 \leq 110$   |
| Slip Resistance (Wet conditions) | Average $\geq 55 \leq 110^*$ |

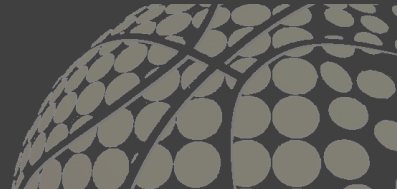
### Slip Resistance – Results (Dry conditions)

|                                              |                |    |      |                        |      |                    |
|----------------------------------------------|----------------|----|------|------------------------|------|--------------------|
| Date:                                        | 14/10/2021     |    |      | Air Temperature (°C):  | 23.2 |                    |
| Operator:                                    | Jia Zuxiao     |    |      | Relative Humidity (%): | 52   |                    |
| Direction                                    | Measurement No |    |      |                        |      | Direction Average: |
|                                              | 1              | 2  | 3    | 4                      | 5    |                    |
| 0°                                           | 97             | 97 | 98   | 97                     | 97   | 97                 |
| 45°                                          | 97             | 97 | 97   | 97                     | 97   | 97                 |
| 90°                                          | 99             | 99 | 99   | 99                     | 99   | 99                 |
| Surface Temperature at tested location (°C): |                |    | 22.6 | Sample Average:        |      | 98                 |

### Slip Resistance – Results (Wet conditions)

|                                              |                |    |      |                        |      |                    |
|----------------------------------------------|----------------|----|------|------------------------|------|--------------------|
| Date:                                        | 14/10/2021     |    |      | Air Temperature (°C):  | 23.2 |                    |
| Operator:                                    | Jia Zuxiao     |    |      | Relative Humidity (%): | 52   |                    |
| Direction                                    | Measurement No |    |      |                        |      | Direction Average: |
|                                              | 1              | 2  | 3    | 4                      | 5    |                    |
| 0°                                           | 35             | 35 | 35   | 35                     | 35   | 35                 |
| 45°                                          | 35             | 34 | 35   | 35                     | 35   | 35                 |
| 90°                                          | 35             | 35 | 35   | 36                     | 35   | 35                 |
| Surface Temperature at tested location (°C): |                |    | 22.4 | Sample Average:        |      | 35                 |

\* Systems which fail to meet the wet conditions requirement may be categorised as: suitable in dry conditions only.



### Resistance to Wear - Overview

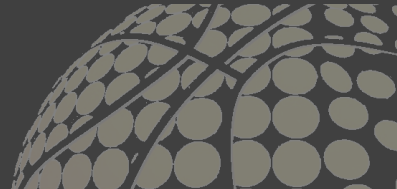
This test measures the surfaces ability to resist wear and provides results indicative to the expected lifetime of the surface or its coatings. This is of particular importance in areas such as the three-point line. Weighted abrasive wheels are repeatedly passed across the surface and the respective mass loss from the surface is measured. A lower loss of mass indicates a higher resistance to wear.

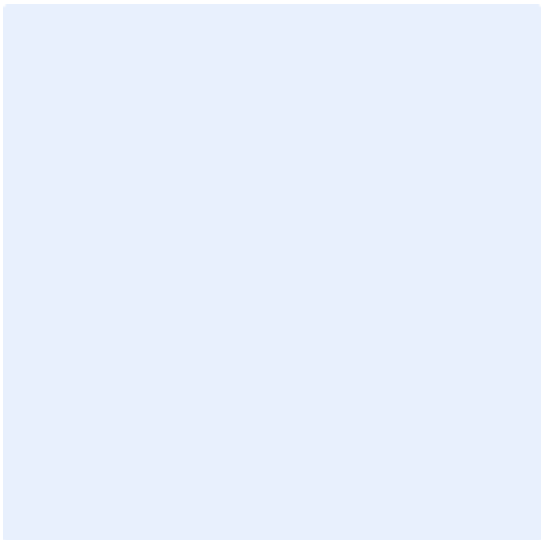
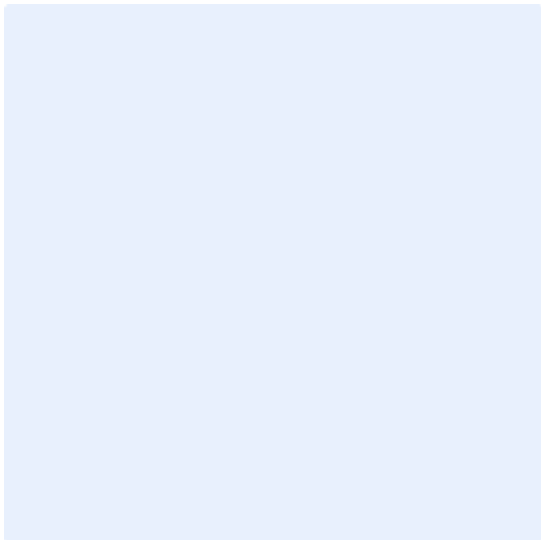
### Resistance to Wear – Requirements

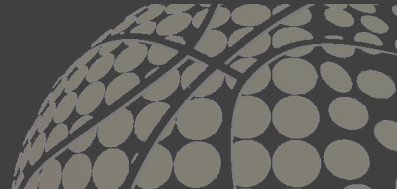
| Test               | Level 1 & 2 Outdoor Surfaces                                  |
|--------------------|---------------------------------------------------------------|
| Resistance to Wear | ≤ 1,000 mg<br>(or, ≤ 4,000 mg for polymeric outdoor surfaces) |

### Resistance to Wear – Results

| Date:                      | 15/10/2021            | Air Temperature (°C):  | 22.4              |
|----------------------------|-----------------------|------------------------|-------------------|
| Operator:                  | Jia Zuxiao            | Relative Humidity (%): | 49                |
| Sample No.                 | Pre-Abrasion Mass (g) | Post-Abrasion Mass (g) | Loss of Mass (mg) |
| 1                          | 51.994                | 51.700                 | 294               |
| 2                          | 55.111                | 54.830                 | 281               |
| 3                          | 54.092                | 53.807                 | 285               |
| 4                          | 53.550                | 53.279                 | 271               |
| 5                          | 55.030                | 54.752                 | 278               |
| 6                          | 53.459                | 53.186                 | 273               |
| Average Loss of Mass (mg): |                       |                        | 280               |



| Assembly/Disassembly Mechanism Durability - Overview                                                      |                                                                                                                      |                                                                                     |      |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|
| Two tiles are manually assembled and disassembled 50 times to test the durability of the tile connection. |                                                                                                                      |                                                                                     |      |
| Assembly/Disassembly Mechanism Durability – Requirements                                                  |                                                                                                                      |                                                                                     |      |
| Test                                                                                                      | Level 1 & 2 Outdoor Surfaces of Modular Construction                                                                 |                                                                                     |      |
| Assembly/Disassembly Mechanism Durability                                                                 | No visible deterioration                                                                                             |                                                                                     |      |
| Assembly/Disassembly Mechanism Durability – Results                                                       |                                                                                                                      |                                                                                     |      |
| Date:                                                                                                     | 15/10/2021                                                                                                           | Air Temperature (°C):                                                               | 22.4 |
| Operator:                                                                                                 | Jia Zuxiao                                                                                                           | Relative Humidity (%):                                                              | 49   |
| Visual Inspection Result:                                                                                 | The area under test exhibited no visible deterioration following the Assembly/Disassembly Mechanism Durability Test. |                                                                                     |      |
| Reference Image 1                                                                                         |                                                                                                                      | Reference Image 2                                                                   |      |
|                         |                                                                                                                      |  |      |
| <b>Note:</b><br>N/A                                                                                       |                                                                                                                      |                                                                                     |      |



### UV Resistance - Overview

Samples are exposed to artificial weathering by fluorescent UV lamps under controlled environmental conditions and changes in colour and mechanical properties are evaluated. Test samples are first assessed in an un-weathered condition and should be shown to successfully meet the relevant requirements prior to being weathered.

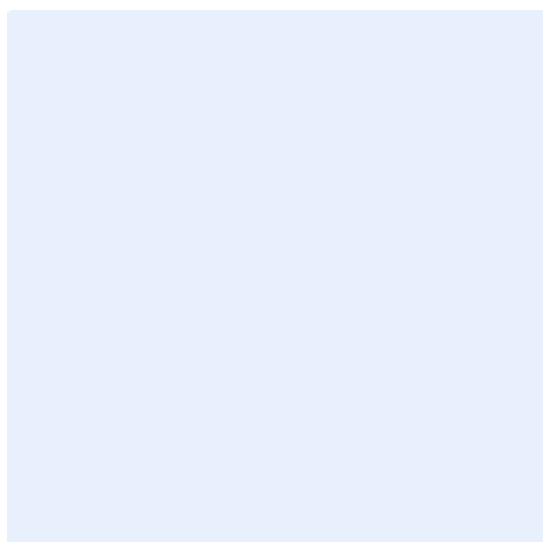
### UV Resistance – Requirements

| Test                 | Pre-weathering          | Post-weathering                              |
|----------------------|-------------------------|----------------------------------------------|
| Resistance to Impact | No presence of cracking | Informative only                             |
| Colour Fastness      | N/A                     | Informative only<br>(Guidance: ≥Greyscale 3) |

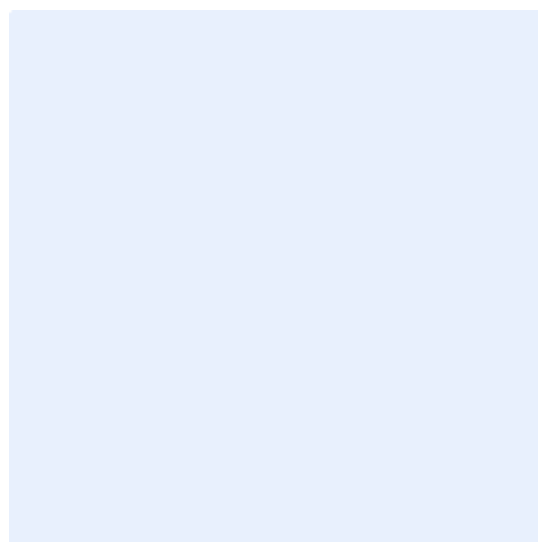
### Resistance to Impact – Pre-weathering – Results

|           |                                           |                        |      |
|-----------|-------------------------------------------|------------------------|------|
| Date:     | 15/10/2021                                | Air Temperature (°C):  | 22.4 |
| Operator: | Jia Zuxiao                                | Relative Humidity (%): | 51   |
| Result:   | No presence of cracking or visible damage |                        |      |

### Reference Image 1

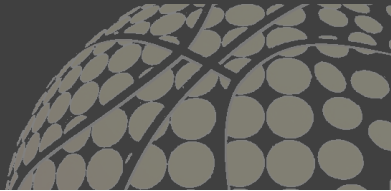


### Reference Image 2

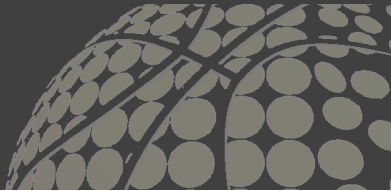


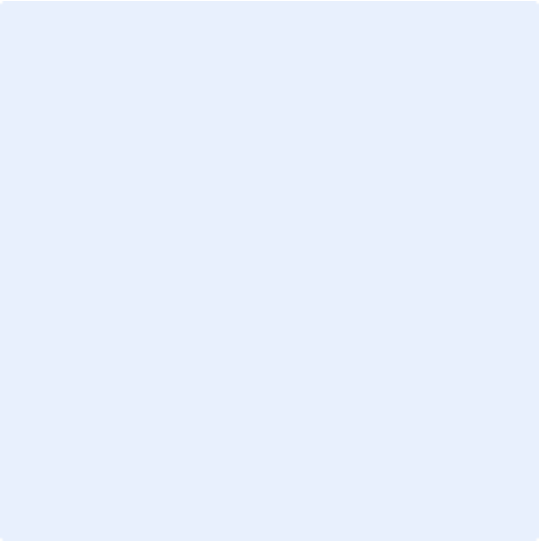
Description of any visible damage, including measured depth:

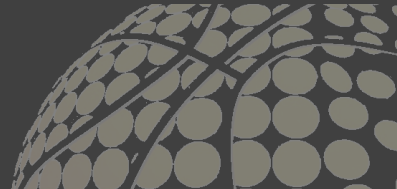
No presence of cracking or visible damage, measured depth: 0.46mm



| Resistance to Impact – Post-weathering – Results                                         |                                  |                                                                                     |                                  |
|------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|----------------------------------|
| Date:                                                                                    | Click or tap to enter a date.    | Air Temperature (°C):                                                               | Click or tap here to enter text. |
| Operator:                                                                                | Click or tap here to enter text. | Relative Humidity (%):                                                              | Click or tap here to enter text. |
| Result:                                                                                  |                                  | Choose an item.                                                                     |                                  |
| Reference Image 1                                                                        |                                  | Reference Image 2                                                                   |                                  |
|        |                                  |  |                                  |
| Description of any visible damage, including measured depth:<br>The test is in progress. |                                  |                                                                                     |                                  |



| Colour Fastness                                                                    |                                  |                                                                                     |                                  |
|------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|----------------------------------|
| Date:                                                                              | Click or tap to enter a date.    | Air Temperature (°C):                                                               | Click or tap here to enter text. |
| Operator:                                                                          | Click or tap here to enter text. | Relative Humidity (%):                                                              | Click or tap here to enter text. |
| Colour fastness rating: XXX                                                        |                                  |                                                                                     |                                  |
| Reference Image 1 – Sample Pre-weathering                                          |                                  | Reference Image 2 – Sample Post-weathering                                          |                                  |
|  |                                  |  |                                  |



### Dimensional Stability - Overview

Samples are exposed to varied water, frost, and heat conditions. Any changes in the sample dimensions are measured and recorded.

### Dimensional Stability – Requirements

| Test                  | Level 1 & 2 Outdoor Surfaces  |
|-----------------------|-------------------------------|
| Dimensional Stability | ≤1% at each stage of the test |

### Dimensional Stability – Post Soak – Results

|                        |            |                          |        |                        |                                 |        |        |          |        |
|------------------------|------------|--------------------------|--------|------------------------|---------------------------------|--------|--------|----------|--------|
| Date:                  | 12/11/2021 |                          |        | Air Temperature (°C):  |                                 |        | 22.6   |          |        |
| Operator:              | Jia Zuxiao |                          |        | Relative Humidity (%): |                                 |        | 54     |          |        |
| Direction              |            | Direction of Manufacture |        |                        | Across direction of Manufacture |        |        | Diagonal |        |
| Initial Length (mm)    |            | 140.54                   | 140.54 | 140.54                 | 140.52                          | 140.52 | 140.52 | 198.42   | 198.46 |
| Post Soak Length (mm)  |            | 140.54                   | 140.54 | 140.52                 | 140.52                          | 140.52 | 140.52 | 198.40   | 198.46 |
| $\Delta L$ (%)         |            | 0.00                     | 0.00   | -0.01                  | 0.00                            | 0.00   | 0.00   | -0.01    | 0.00   |
| Average $\Delta L$ (%) |            | 0.00                     |        |                        | 0.00                            |        |        | -0.01    |        |

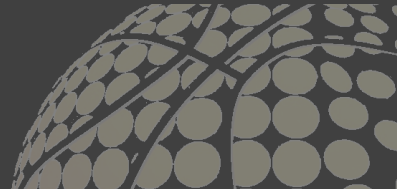
### Dimensional Stability – Post Freeze – Results

|                         |            |                          |        |                        |                                 |        |        |          |        |
|-------------------------|------------|--------------------------|--------|------------------------|---------------------------------|--------|--------|----------|--------|
| Date:                   | 13/11/2021 |                          |        | Air Temperature (°C):  |                                 |        | 22.4   |          |        |
| Operator:               | Jia Zuxiao |                          |        | Relative Humidity (%): |                                 |        | 53     |          |        |
| Direction               |            | Direction of Manufacture |        |                        | Across direction of Manufacture |        |        | Diagonal |        |
| Post Freeze Length (mm) |            | 139.52                   | 139.52 | 139.54                 | 139.52                          | 139.52 | 139.50 | 197.26   | 197.28 |
| $\Delta L$ (%)          |            | -0.73                    | -0.73  | -0.71                  | -0.71                           | -0.71  | -0.73  | -0.58    | -0.59  |
| Average $\Delta L$ (%)  |            | -0.72                    |        |                        | -0.72                           |        |        | -0.59    |        |

### Dimensional Stability – Post Drying – Results

|                         |                          |        |        |                                 |        |        |          |        |
|-------------------------|--------------------------|--------|--------|---------------------------------|--------|--------|----------|--------|
| Date:                   | 16/11/2021               |        |        | Air Temperature (°C):           |        |        | 22.7     |        |
| Operator:               | Jia Zuxiao               |        |        | Relative Humidity (%):          |        |        | 54       |        |
| Direction               | Direction of Manufacture |        |        | Across direction of Manufacture |        |        | Diagonal |        |
| Post Drying Length (mm) | 141.48                   | 141.48 | 141.50 | 141.50                          | 141.48 | 141.50 | 200.08   | 200.10 |
| $\Delta L$ (%)          | +0.67                    | +0.67  | +0.68  | +0.70                           | +0.68  | +0.70  | +0.84    | +0.83  |
| Average $\Delta L$ (%)  | +0.67                    |        |        | +0.69                           |        |        | +0.83    |        |





| Dimensional Stability – Final – Results |                          |        |        |                                 |        |        |          |        |
|-----------------------------------------|--------------------------|--------|--------|---------------------------------|--------|--------|----------|--------|
| Date:                                   | 18/11/2021               |        |        | Air Temperature (°C):           |        | 23.2   |          |        |
| Operator:                               | Jia Zuxiao               |        |        | Relative Humidity (%):          |        | 52     |          |        |
| Direction                               | Direction of Manufacture |        |        | Across direction of Manufacture |        |        | Diagonal |        |
| Final Length (mm)                       | 140.54                   | 140.58 | 140.56 | 140.56                          | 140.54 | 140.52 | 198.50   | 198.48 |
| $\Delta L$ (%)                          | 0.00                     | +0.03  | +0.01  | +0.03                           | +0.01  | 0.00   | +0.04    | +0.01  |
| Average $\Delta L$ (%)                  | +0.01                    |        |        | +0.01                           |        |        | +0.03    |        |

| Water Permeability - Overview                                                                                                                                                                        |           |                              |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------|----------------------------|
| The permeability of a surface is examined by measuring the rate of water infiltration through a unit area of surface material. The rate at which the water drains through the surface is calculated. |           |                              |                            |
| Water Permeability – Requirements                                                                                                                                                                    |           |                              |                            |
| Test                                                                                                                                                                                                 |           | Level 1 & 2 Outdoor Surfaces |                            |
| Water Permeability                                                                                                                                                                                   |           | ≥150 mm/h*                   |                            |
| Water Permeability – Results                                                                                                                                                                         |           |                              |                            |
| Date:                                                                                                                                                                                                | N/A       |                              | Air Temperature (°C): N/A  |
| Operator:                                                                                                                                                                                            | N/A       |                              | Relative Humidity (%): N/A |
| Test                                                                                                                                                                                                 | $t_A$ (h) | $F_{WA}$ (mm)                | $I_A$ (mm/h)               |
| 1                                                                                                                                                                                                    | N/A       | N/A                          | N/A                        |
| 2                                                                                                                                                                                                    | N/A       | N/A                          | N/A                        |
| 3                                                                                                                                                                                                    | N/A       | N/A                          | N/A                        |
| $I_A$ Average (mm/h)                                                                                                                                                                                 |           |                              | N/A                        |

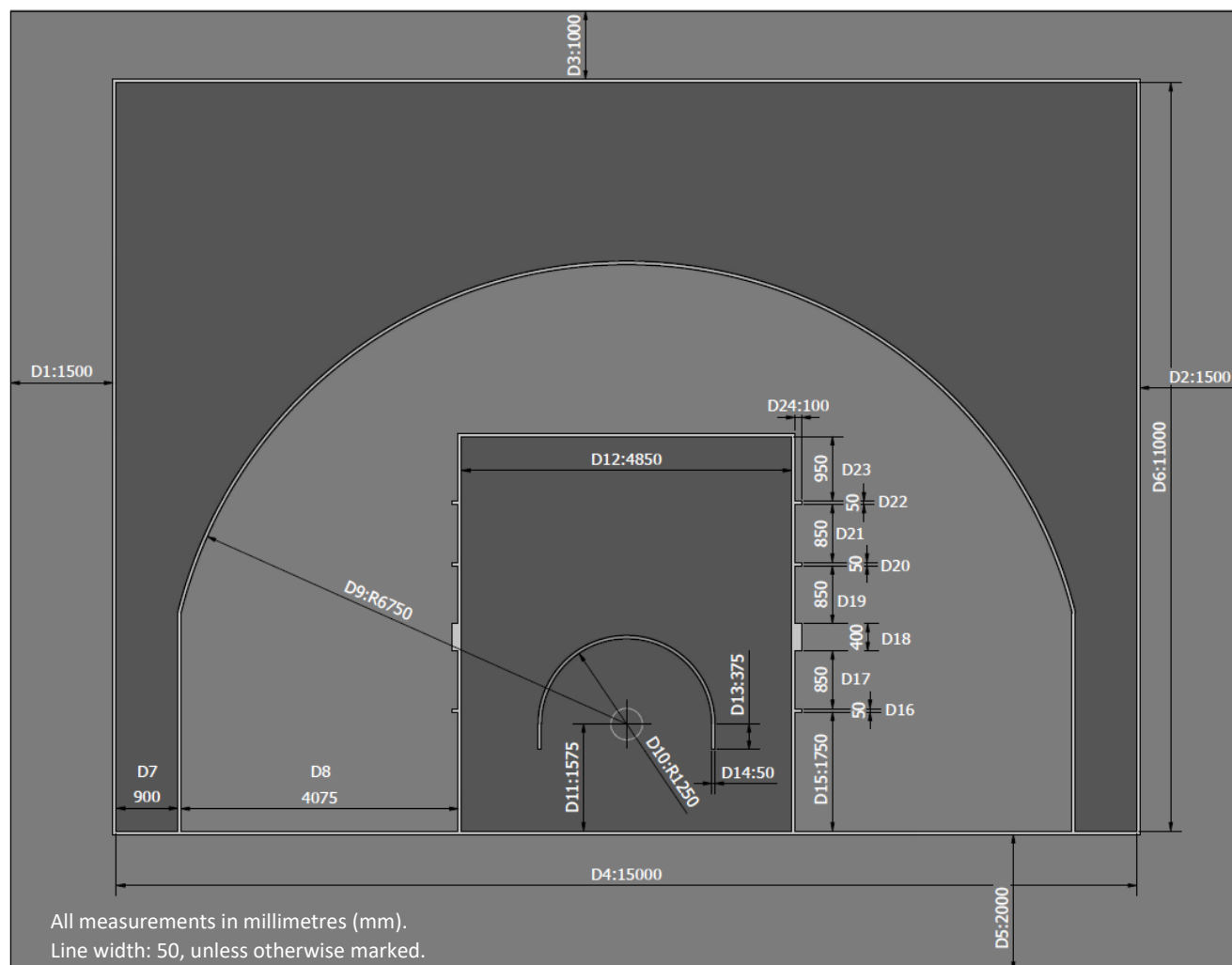
\* Systems which fail to meet this requirement should be noted as Impermeable systems. Any Impermeable system installed outdoors must be installed following the requirements set out in section 3.15 – *Installation guidelines for Impermeable Surfaces* of the Handbook of Test Methods and Requirements for 3x3 and Outdoor Basketball Equipment.

## Court Markings - Overview

The dimensional plan of the 3x3 court line markings is assessed against the dimensional requirements specified in the Handbook of Test Methods and Requirements for 3x3 and Outdoor Basketball Equipment.

## Court Markings – Requirements

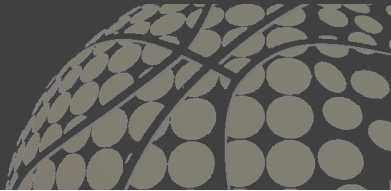
| Test           | Level 1                                     | Level 2 |
|----------------|---------------------------------------------|---------|
| Court Markings | Within $\pm 5\text{mm}$ of the requirements | N/A     |



## Court Markings – Results

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| <b>Court Markings Result:</b> | <b>All measurements are within the required tolerance</b> |
|-------------------------------|-----------------------------------------------------------|

**Note: Court Markings are submitted in the 'Additional Notes' section of this report.**



Conclusion

The flooring samples submitted were tested in accordance with the most recent publication of the FIBA Equipment & Venue Centre Approval Programme for 3x3 and Outdoor Basketball Equipment. We confirm all information presented within this report is accurate and appropriately reflects the performance of the samples submitted.

Based upon the test results we the test laboratory consider the samples supplied to have:

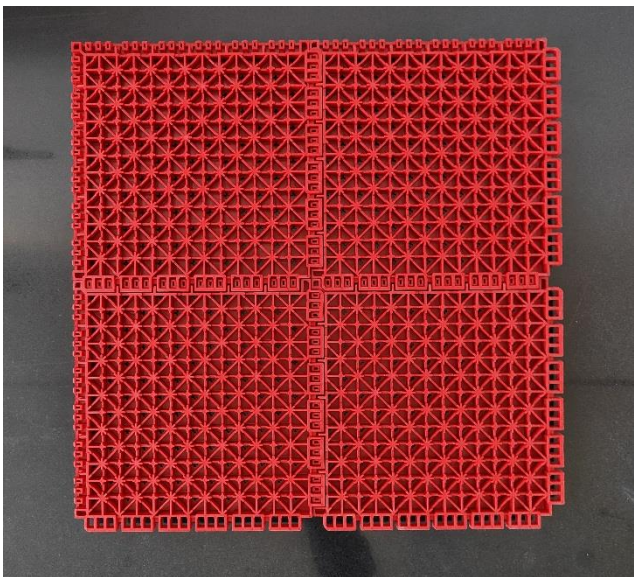
- ☒ Met all requirements for FIBA product certification
- ☐ Failed to meet all requirements for FIBA product certification

Additional Notes

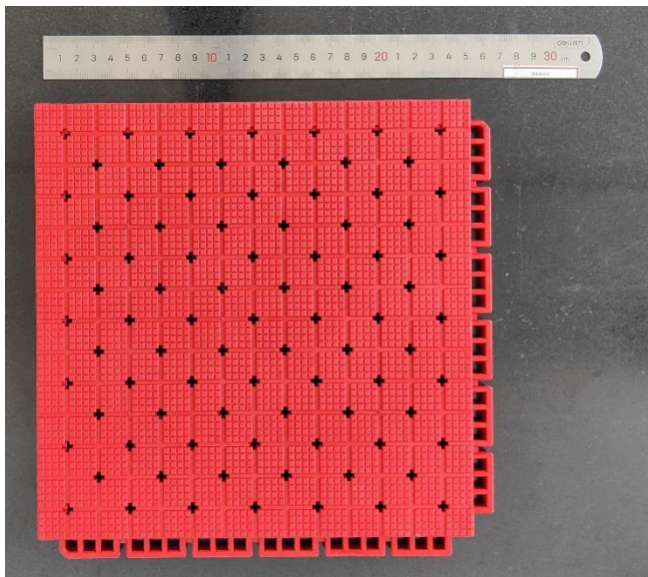
Use this section to insert any additional information or images relevant to the flooring samples submitted for assessment. Where the samples showed visible signs of deterioration following the Rolling Load test, images and a description of the damage observed may be supplied in this section. Any system with multiple, distinct layers should be recorded here, detailed the composition of each:

N/A

Reference Image A



Reference Image B

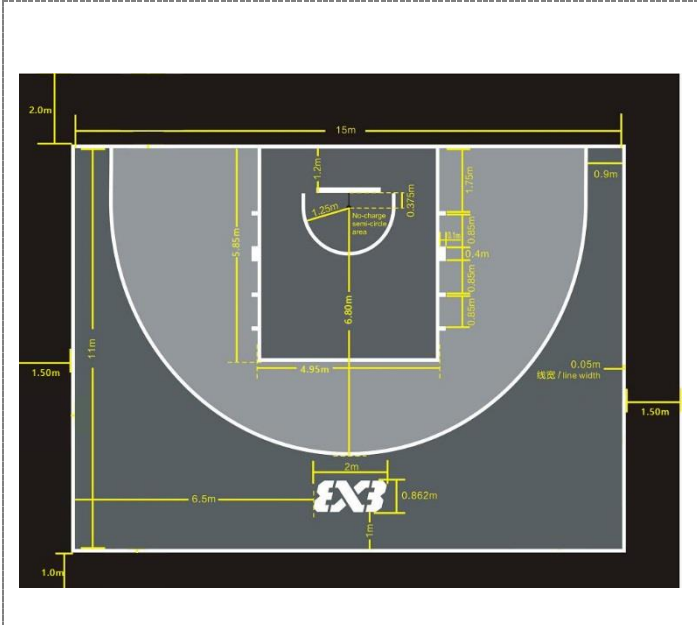


#### Additional Notes - Continued

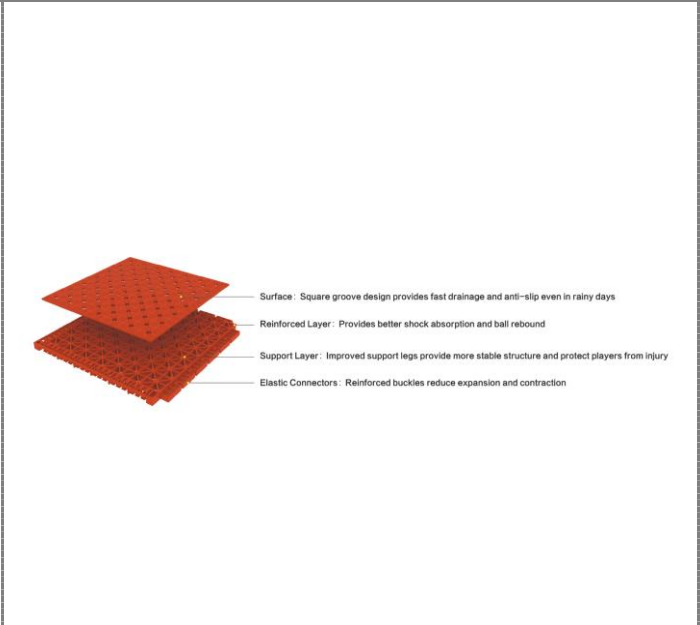
Use this section to insert any additional information or images relevant to the flooring samples submitted for assessment.

**N/A**

### Reference Image C

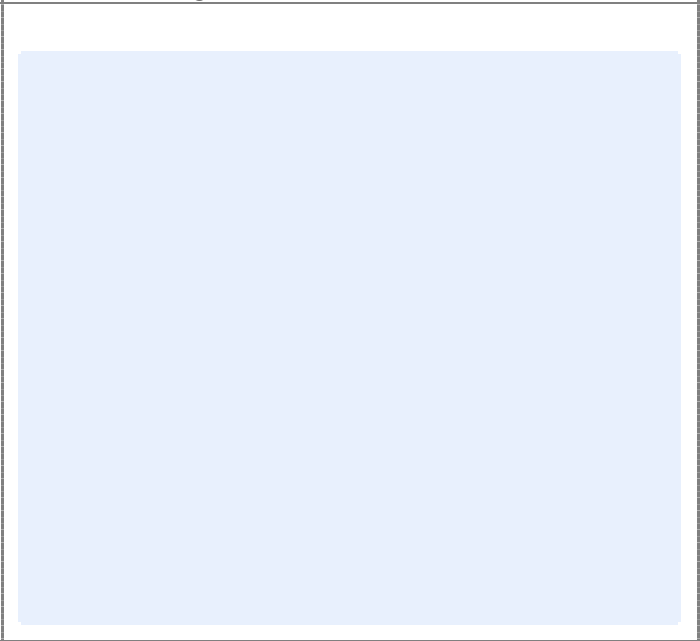


### Reference Image D



Reference Image E

Reference Image F



END OF REPORT

Adherence to the FIBA requirements does not constitute adherence to any regional, national or international safety or trading standards. It is the responsibility of the manufacturer to ensure products are in full compliance to any mandatory safety regulations for the intended region of product sale or installation. Products holding FIBA approval which are deemed to be in breach of any mandatory safety requirements shall have their FIBA approval revoked from the date at which the breach occurred.

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