

PRODUCT PATTERN



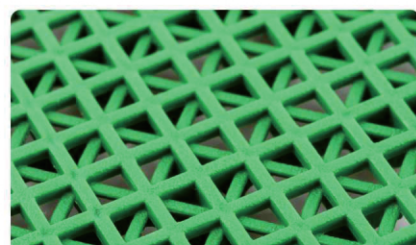
THERMAL EXPANSION SYSTEM

Patent design 8 group resilience arms & 50 TPE cushions ;
Prevent the court from bulging caused by temperature rise.



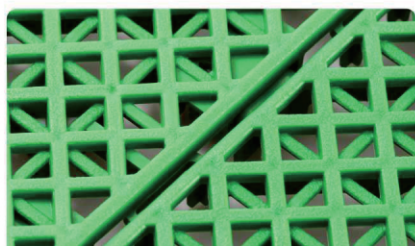
COLD SHRINKAGE SYSTEM

Consisted of 6 sets elastic sheets to prevent the court from cracks caused by temperature reduction.



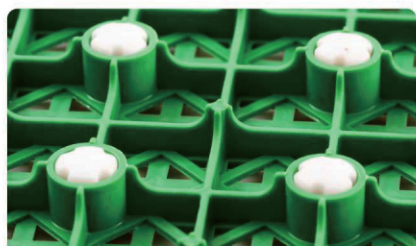
TEXTURE SURFACE TREATMENT

Its surface is treated with refined texture, made to improve the anti-slip performance greatly and tender care for players. No reflection, don't glare, and safer playing.



FLEXIBLE CONNECTION SYSTEM

There are 2mm small gap between two tiles which enable tiles react to temperature change and no bulging and cracking.



SUPPORTING SYSTEM

There is crisscrossed structure located everywhere to have a strong supporting stability.



BUFFERING SYSTEM

Each tile has 50 cushions to create shock absorption by decomposing the surface compact, to reduce injury, better ground grip and sound absorbing performances as well.

| | | |
|-----------------------------|-------------------|--|
| ENVIRONMENTAL IMPACT | Manufacturing | ISO 14001:2015 Certified Facility |
| | Waste | Zero Waste Facility |
| | End of Life | 100% Recycleable |
| | Antimicrobial | Does Not Promote Bacterial Growth |
| | Allergens | 100% Allergen Free |
| EASE OF MAINTENANCE | Daily | Dry Dust Mop |
| | Monthly | Wet Mop |
| | Annual | No Annual Maintenance Required |
| PRODUCT CONSTRUCTION | System Material | Proprietary High Impact Polypropelene Blend |
| | System Structure | Suspended Solid Top Modules with Customizable Underlayment |
| | System Wearlayer | Permanent UV-Cured MultilayerPolyurethane |
| | Module Dimensions | 300*300*15.8mm |
| | Module Weight | 310±10g/piece |

| S/N | Tessting Description | | | | |
|-----|--|---|--|------|--------|
| 1 | Outlook Quality | | Color Tonality is uniform with no obvious colordifferences; there is bot blister, crack lines and inferior plastic mix. | Pass | Comply |
| 2 | Floor Loading | | Test Sample is subjected to force of 15KN for a duration of 1 Minute, there should not be any visual damages to the test sample. | Pass | Comply |
| 3 | Ball Rebound | % | ≥90% | 96% | Comply |
| 4 | Force Reduction | % | ≥25% | 45% | Comply |
| 5 | Ageing, 168H | | Test sample do not show color degration, and outlook does not have the powdery degration(UV test and Weathering). | Pass | Comply |
| 6 | High Temperature Test (70 degs C, 24h) | | Test sample do not show degration, cracks and obvious color tone changes. | Pass | Comply |
| 7 | Low Temperature Test (-50 degs C, 24h) | | Test sample do not show degration, cracks and obvious color tone changes. | Pass | Comply |
| 8 | Coefficient of Friction | | 0.5-0.7 | 0.6 | Comply |
| 9 | Slip Resistance | | ≥80-≤100 | 95 | Comply |
| 10 | Vertical Deformation | | ≥1.5mm-≤5.0mm | 1.8 | Comply |
| 11 | Fire Rating | | Grade 1 | 1 | Comply |

