EZ-Courts Sport Deck Tile Specifications

Description:

Open grid design measuring 12"x12"1/2" high impact polypropylene copolymer suspended molecules, with ultra high support structure and maximum strength to weight ratio.

Physical Properties:

MATERIAL TEST RESULTS
- A. Rockwell hardness (ASTM D 785): 65
- B. Heat deflection@ 66 psi (ASTM E 648): 180
- C. Flaming at 1000mm (ASTM E 648): 4 min 30s
- D. Auto-ignition temperature (ASTM D-1929): 950° F
- E. Vicat softening point (ASTM D-1525): 284° F
- F. Low temperature brittleness (ASTM D-2137): -22° F
- G. Co-efficient of Linear Thermal Expansion, (ASTM D-696, E-831): $3.3 \times 10\text{-}5$ (in/in) / ° F
- H. E-Modulus (ASTM D-5418) 136,000 psi (850MPa)
- I. Flex-Modulus (ASTM D-790) 145,000 psi
- J. Tensile Yield Strength (ASTM D-638) 3200 psi
- K. Elongation at Yield (ASTMD-638): 18%
- L. Notched Izod (ASTM D-256) 18 (ft-lbs / in) at 20° C
- M. Ultra Violet (UV) protection 10% max fading over 10 years at 140 kLy exposure

PRODUCT TEST RESULTS
- A. Flame spread Index (ASTM E-468): 4m55s
- B. Smoke Development (ASTM E-162): 2m23s
- C. Radiant Panel (ASTM E-84, 162, 648) 0.12 Watts/cm^2
- D. Friction Test (ASTM C-1028) dry < .40 wet < .60
- E. Compression vs. crush (ASTM D-3998): no break
- F. Noise Reduction Coefficient (ASTM C-423) 20%
- G. Rolling Load (DIN 18032) Very Good
- H. R-Value < 1.0
- I. Flatness +/- 0.02 mm
- J. Load Bearing Capacity: 25,000 lbs/sq.ft.

SANITARY INFORMATION
- A. Resistance to fungi (in compliance with ASTM G-21). Basic organisms test (ATCC #6205) indicates zero growth.

- B. Resistance to the following:
    - ✓ Bacteria and mildew resistance
    - ✓ Gram-positive bacterial Staphylococcus Aureus
    - ✓ Gram-negative Klebsiella Pneumoniae
    - ✓ Pink-staining organism.
    - ✓ STV Reticulum
    - ✓ Surface fungi growth prior to and following leaching.

Warranty:

EZ-Courts™ sport tile for courts is warranted for any defects in material and workmanship for a period of 5 years as set forth in the manufacturer's standard limited warranty.

A
CWF Flooring, Inc.
Company

EZ COURT
Sport Tiles

www.SportTiles.Pro