
Gym flooring installation procedure

Star Light series roll installation instructions

special features:

good flexibility & durability, easy installation,
widely application, environmental adoresless &
nontoxic, sound & shock absorption, slip resistant,
seamless lining, good water & air
permeability, many colors available, tensile stress

specifications

| item | thickness | width | length |
|------------------------|-----------|-------|--------|
| Star Light series roll | 4mm-5mm | 1.00m | 10m |
| | 6mm-12mm | | 10m |

Installation Procedures

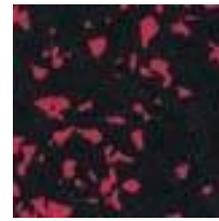
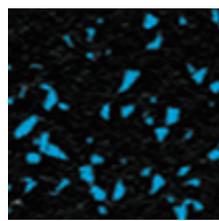
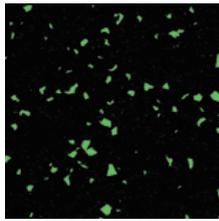
i. Foundation

1. The ground has to be neat, acclinic level Error less than 2mm. The existing ground including marble flooring, wood flooring, bamboo flooring, PVC floor etc can be overlaid by rubber mat without glue. The finished flooring gets the advantages of shock-absorbing, noise reduction, slip resistant..
2. No cracks, sand and power on the grounds, to ensure ground no grease, oil, dust, mud and other debris.
3. New foundation need to leave about 30 days before starting installation .(About 30 or 60 more days in winter season)

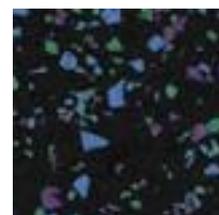
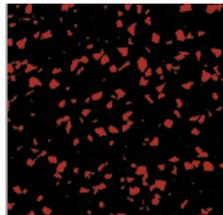
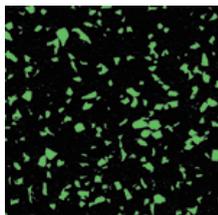
ii. Materials

1. Waterproof foundation paint: 30% MDI One component polyurethane adhesive + 70% Butyl Acetate (CH₃COOC₄H₉)
2. MDI One component polyurethane adhesive and Activated Calcium Carbonate
3. Star light series roll
- 4.W50 coating

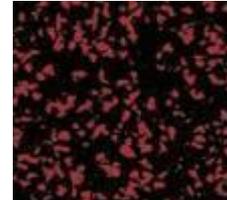
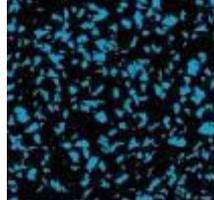
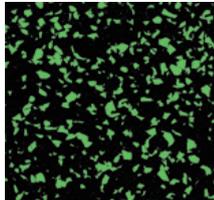
5. Star light series colors (The color also can be designed upon customer's requests)



black+green (SL-15) black+blue (SL-15) black+yellow (SL-15) black+red (SL-15)



black+green (SL-25) black+red (SL-25) black+yellow (SL-25) black+green+blue (SL-25)



black+yellow (SL-50) black+green (SL-50) black+blue (SL-50) black+red (SL-50)

ii. Installation Procedures

1. Foundation Processing

Cleaning up the ground, the ground must be Smooth and all lacunose areas need to fill and level up

2. Waterproof layer processing

- 1). Mix MDI adhesive with Butyl Acetate (3:7), then spray on the foundation (10m²/kg)
- 2). Leave about 1 to 2 hours to let the adhesive dry.

3. Installation Star light series roll

- 1). Spread the Star light series rolls on the ground for about 12 hours, then measure them to fit the size of the ground and normally leave extra 5cm at the edges. Mark orders and upsides on each materials

- 2). Mix the MDI adhesive with 3% of Activated Calcium Carbonate.
- 3). Spread the adhesive on the ground (2.5-3.5m²/kg) Leave about 1 cm width without spreading the adhesive to avoid adhesive penetrate out from the seams.
- 4). Then lay the Star light series rolls on the ground and ensures the tight connection between two materials. Do not forget to put some fast dry glue (such as 502 glue) on the cross section of the connection areas at each 10 cm position. And then join the connection with low adhesive and transparent taps (about 1-2cm)
- 5). Use long wood bars (thickness 2-3 mm, width 4-5cm) to pin on the tap by steel nail (2*25mm/30mm).
- 6). Press the ground with heavy roller (>50kg) to make sure the adhesive, roll and the ground combine fully.
- 7). keep pressing the ground for about 2 or 4 hours. (especially at the first two and half hours). Tilting 45 degree, use knife to let out the air when the roll is not flat.
- 8). Remove the wood bar after all adhesive dried
- 9). Clear up the ground and clean the roll.

Pictures:



4. W50 coating

- 1) W50 coating: Water-based top coating, no menstruum
- 2) 1kg W50 coating can spray 20 square meters.
- 3) smear method: decorate by roller
- 4) Advantage

A · Make products more bright, more beautiful. B ·
Sweep more easily
C · Have certain protection function to the product.

5. Cleaning

- 1) Clean with duster cloth
- 2) Wet vacuum to keep it dry (normally twice one week, depending on the frequency used)

Pictures:



