

## TerraFit® – ACTIVE ROLLS

## ABOUT

A wide range of rubber rolls available in an extensive collection of colors for use in intensive gym environments. Made of Styrene-Butadiene Rubber (SBR) which is a copolymer of styrene and butadiene characterized by its superior hardness & durability where heavy weight loads and dumbbell falls are usual.



## PERFORMANCE ATTRIBUTES

- Compatible with most floor finishes.
- Fast installation.
- Natural elasticity reduces noise.
- Antistatic
- Crack isolation membrane protects ceramic tile, porcelain and stone tile

## DIMENSIONS

- Size: 1.2 x 10m
- Thickness (mm): 6,8,10
- Weight: 6mm - 79 kg/roll  
8mm - 106 kg/roll  
10mm - 132 kg/roll
- Roll Area: 12 m²
- Color variation: 10-15% for pigmented tile
- Standard Tolerances: Width: +/- 3 mm  
Length: +/- 3mm  
Thickness: +/- 2mm

## MATERIAL

- 85% SBR granulated + 15% EPDM granulated in 20+ color combinations.

## TECHNICAL DATA

PROPERTY	TEST METHOD	UNITS	TEST RESULTS
Tear	ASTM D 624	KN/m	13.6 – 16.2
Shore A Hardness	DIN 53505	Shore A	60 (+/- 5)
Compression Set	DIN 53517	%	15
Abrasion	DIN 53516	mm³	164-178
Tensile Strength	EN ISO 1798	N/mm²	2 – 2.4
Elongation At Break	EN ISO 1798	%	166 - 201
Coefficient of Friction	EN 13893:2002	μ	0.47 (safe)
Fire Resistance	DIN EN 13501-1	E <sub>fl</sub>	B2
Light Fastness	DIN EN 105-B02:1999-09		2-3
Electrostatic Properties	DIN EN 1815:1995-06	kV	0.5
Remaining Deformation	EN 433:1994-11	mm	0.13
Reduction of Impact Sound Pressure Level	DIN EN ISO 140-8:1998-03	ΔL <sub>w</sub>	18dB
Use With Wheel Chairs	DIN EN 1307:1997-06	For permanent use adapted	

\*The values & properties stated above are carried out in our lab for the component used in the production. However, they do not constitute a guarantee for a specific product feature & do not establish a legal contract.

## CERTIFICATIONS



## CONTACT

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# INSTALLATION GUIDE

# TERRAFIT®

Fitness  
Solutions by **TERRAIN.**

## ACTIVE ROLLS

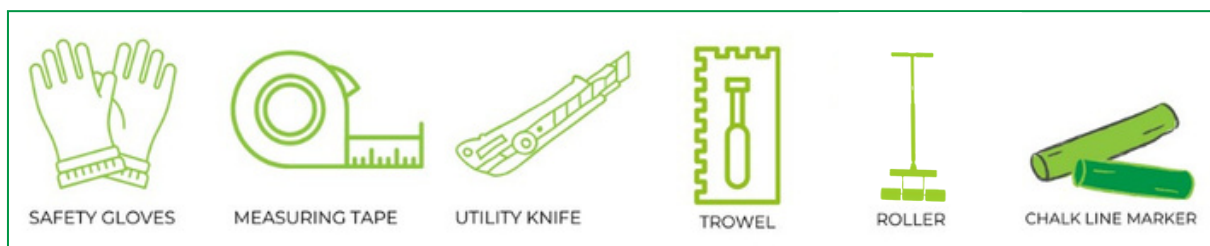
### HANDLING AND STORAGE

- Ensure that materials are delivered in original and unopened packaging. Stack rolls vertically and avoid storing for longer than 6 months.
- Inspect materials for visual defects and verify style, color, and quantity before installation. Report any discrepancies immediately.
- Store roll material laying down on a clean, dry surface to prevent curling edges. Cut any curled edges straight before installation.
- Acclimate material and adhesive at room temperature for at least 48 hours before installation. Unroll material at the job site and allow rolls to relax overnight.

**NOTE:** Differences in material and viewing angles may result in shading variations.

### KNOW YOUR TOOLS

Before beginning the installation process, gather the necessary tools such as safety gloves, measuring tape, utility knife, trowel, and roller.



Ensure safety by wearing the provided safety gloves throughout the installation process.

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## SUBFLOOR REQUIREMENTS

### Step 1: Dirt Check

- The subfloor must be free from dust, loose particles, solvents, paints, grease, oil, wax, alkalis, sealing / curing compounds, old adhesives and other foreign material.
- Remove substrate contaminants and extraneous materials. Ensure all other trades are completed.

**CAUTION:** Do **NOT** use oil-based sweeping compounds.

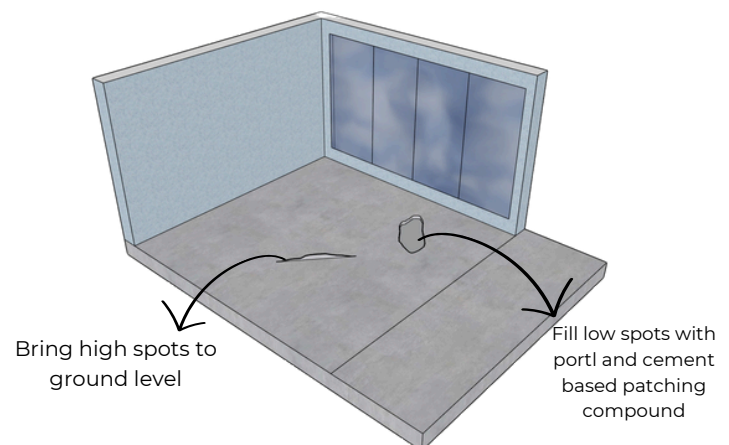


### Step 2: Level Check

- Ensure subfloors are flat to the equivalent of (3/16)" or 4.8 mm in 10' (3.0 m)
- Fill low spots with approved Portland-based patching compound. Bring high spots to ground level.

### Step 3: Crack Check

- Fill saw cuts, cracks, and joints with approved Portland-based patching compound.
- Avoid installing flooring over expansion joints.



**NOTE:** Gypsum-based patching and leveling compounds are **NOT** acceptable.

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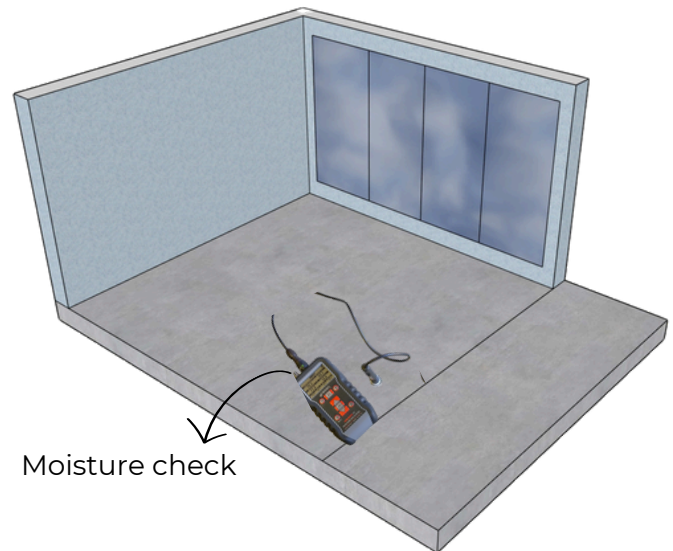
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## Step 4: Moisture Check

- Allow patching materials to dry thoroughly before installation.
- Measure moisture levels using the ASTM F2170 standard Relative Humidity (RH) test method.

**NOTE:** Do **NOT** proceed with installation if moisture content exceeds **75% - 80% RH**.



Do not install if RH > 75-80%

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## Wooden Subfloors

- Must be double construction with at least one-inch thickness and minimal movement
- Use APA underlayment grade plywood, with a minimum thickness of 6 mm and a fully sanded face.

**NOTE:** Particle board, chipboard, Masonite, and Lauan are **NOT** considered to be suitable underlayments.

## Concrete Subfloors

- Should have a minimum compressive strength of **3000 psi** and cure for **14 days** before installation
- Subfloors must be clean, dry, smooth, and structurally sound, according to **ASTM F710**.
- In the presence of a **radiant heating system**, maintain a temperature of **65°F (18.3°C)** for 48 hours before, during, and after installation.

## Terrazzo & Ceramic Floors

- Sand the surface to remove all the glaze and waxes
- Remove / replace all loose tile and clean the grout lines.
- Fill all grout lines and other depressions with a good-quality Portland cement-based leveling compound.



**NOTE:** Ensure that the gap between the door base and the subfloor is more than the thickness of the rubber rolls. If unsure, seek guidance from our flooring experts.

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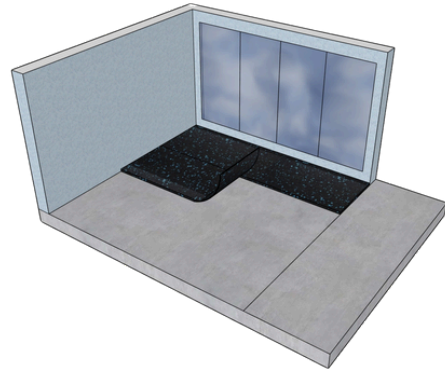
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## INSTALLATION

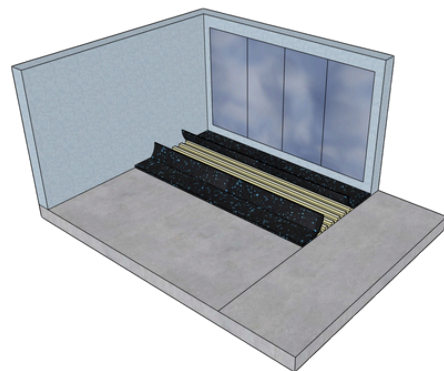
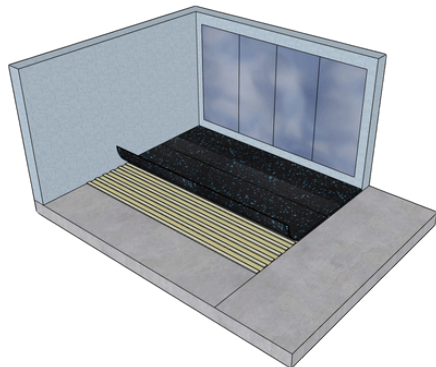
### Step 1: Marking and Cutting

- Lay out the rubber rolls on the floor.
- Mark reference points with chalk line markers for alignment. Cut the rolls to fit the desired room measurements.



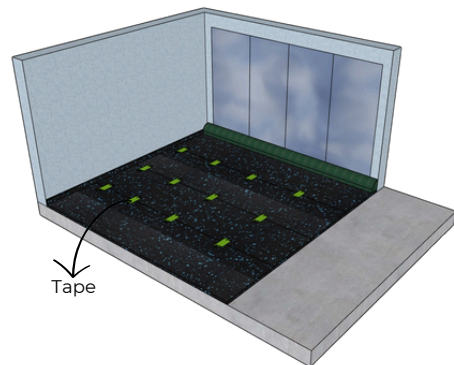
### Step 2: Attach First Roll

- Apply glue under the side of the roll, width wise.
- Be careful **NOT** to spread more adhesive than can be covered within 30 minutes. Stick the first half of the roll, width wise, facing the wall, to the glue on the floor.



### Step 3: Attach Subsequent Rolls

- Roll the second half of the first sheet and first half of the second sheet.
- Apply glue on the corresponding area of the floor and roll down the two halves. Tape the joints and weigh down seams.



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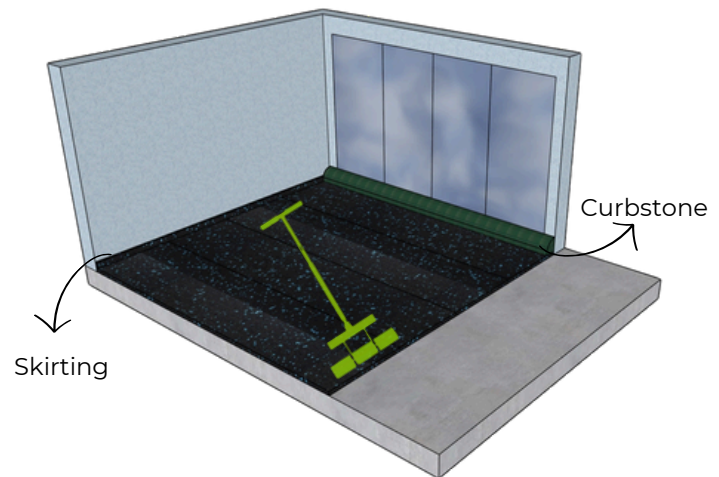
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## POST - INSTALLATION

### Step 1: Rolling

- After gluing down all sheets to the floor, roll the flooring with a 75 – 100 lb roller immediately.



### Step 2: Cleanup

- Remove excess adhesive immediately to prevent curing on hands or flooring.
- Use gloves and wipe off excess with a rag dampened with mineral spirits, followed by water.



### Step 3: Drying

- Keep traffic off the floor for 24 hours to prevent permanent damage.
- Remove masking tape after 16 to 24 hours to ensure a neat and professional appearance.



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