FORM-A-TREAD® ORIGINAL

PERMANENT SAFETY TREADS

DESIGNED FOR HIGH-FOOT & VEHICLE TRAFFIC

TECHNICAL DATA SHEET

Form-A-Tread.com →

Form-A-Tread® Original creates permanent, non-slip treads for walking and working surfaces that present slip-and-fall hazards. This non-slip system performs indoors and outdoors and maintains exceptional durability under chemical exposure, weather extremes, and high-abrasion environments due to its high-strength epoxy formulation.

Form-A-Tread® Original improves traction and visibility on stairways, walkways, ramps, vehicles, platforms, and other high-risk areas—including sloped, uneven, or irregular surfaces. It bonds permanently to all common building materials, providing long-term traction with minimal maintenance.

Features & Benefits

- Indoor and Outdoor Use
- Superior Durability
- Low Odor/No VOCs
- Chemical, Temperature, and Weather Resistant
- Supports ADA, ICC, IBC Requirements

Suggested Applications

- Internal staircases
- External staircases
- ADA ramps
- Working platforms
- Loading docks
- Ladder rungs
- Trailer, Truck & RV steps
- Ship gangways
- Safety walkways

Compatible Surfaces

- Concrete
- Metal
- Wood
- Diamond Plate
- Fiberglass
- Masonry



Available in Black & Safety Yellow

WHY FORM-A-TREAD® ORIGINAL?

- **HIGH TRACTION**
  SCOF = 0.71
- **WITHSTANDS**
  VEHICLE TRAFFIC
- **NO PEELING**
  TRACTION TAPE
- **ADA COMPLIANT**

www.Form-A-Tread.com
info@Form-A-Tread.com
610-994-2138

LASTS 10X LONGER THAN TRACTION TAPE & PAINT

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KEY PERFORMANCE DATA

Physical Property	ASTM	Value
Slip Resistance, Wet*	F609	0.71 (SCOF)
Bond Strength	C882	1,600 psi
Compressive Strength, 7 days	D695	11,000 psi
Full Cure Time**	CC881	8 Hours

*Based on Tread Grit® HD (Heavy Duty) Application to Point of Refusal
**Based on Testing at 75°F (24°C); Note: Lower temperature slows cure; higher temperature accelerates cure

PHYSICAL PROPERTIES

Physical Property	ASTM	Value
Color (Part A)		Various
Color (Part B)		Neutral
Color (mixed)		Black, Safety Yellow
Consistency		Paste
Mix Ratio		1:1 by volume
Working Time*	CC881	30 Minutes
Hardness, Shore D	D2240	75 (+/-5)
Conductivity		None
Specific Gravity, mixed		1.27 g/ml
Temperature Resistance		-20°F - 200°F
% VOC	EPA Method 24	0

*Based on testing at 75°F (24°C); Note: Lower temperature slows cure; higher temperature accelerates cure

ADDITIONAL INFORMATION

Storage & Shelf Life: 18 months when stored in unopened containers. Store between 40°F (4°C) and 90°F (32°C).

Chemical Resistance: Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases. See Chemical Resistance Chart below.

SEE CHEMICAL RESISTANCE CHART →

BUILDING CODE COMPLIANCE

Standard / Code	Section	Form-A-Tread® Original
ANSI/ICC A117.1-2017	504 Stairways, Paragraph 504.6 Visual Contrast	Available in contrasting colors
2010 ADA Standards for Accessible Design	Accessible Routes & Walking Surfaces	Improve pedestrian traction
IBC 2018	1011 Stairways, Paragraph 1011.5.4.1 Nonuniform Height Risers	Contrasting nosings improve stair visibility

Form-A-Tread® Original safety treads are available in contrasting colors that may be used to support compliance with applicable accessibility and stairway visibility requirements when properly designed and installed.

COVERAGE

Cartridge Volume	Tread Width	Linear Coverage*
400mL	1.0"	25'

*Based on 1/32" thickness using 1" EZ Form®(Item: EZF1.0-50). Coverage also varies depending on surface type, application thickness, and temperature.

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CURE SCHEDULE

Ambient Temperature	Working Time	Full Cure Time
55°F (13°C)	45 min	12 hours
75°F (24°C)	30 min	8 hours
95°F (35°C)	15 min	3 hours

1. Times are approximate and are based on 75°F (24°C) cartridge temperature.
2. Surface temperature will also affect cure time. Higher surface temperature accelerates cure.
3. In cold weather, warm the cartridge to increase material flow and decrease cure time.

LIMITED WARRANTY

Form-A-Tread, Co. warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, FORM-A-TREAD, CO. MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE RESPECTING ITS PRODUCTS, and Form-A-Tread, Co. shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

INSTRUCTIONS

FOR BEST RESULTS

- Warm cartridge to a minimum of 75°F (24°C) before use
- Apply at ambient (surface and air) temperatures between 60°F and 90°F (15°C to 32°C)
- Use hi-thrust manual (MDT400) or cordless (CDT400) dispensing tool
- Use light pressure to when spreading material to avoid dragging embedded grit
- Apply (optional) Tread Grit® within 15 minutes
- Remove EZ Form® within 15 minutes after applying Form-A-Tread® Original
- **Use new nozzle for each cartridge**

SURFACE PREP

Prior to application, surfaces should be clean, dry, and sound. Additional surface prep information can be found on the FAQ page:

SEE FAQ PAGE →

APPLICATION VIDEOS

How to Properly Prepare and Balance the Form-A-Tread® Original Cartridge

CLICK TO WATCH →

How to Use EZ Form®

CLICK TO WATCH →

Form-A-Tread® Original Installation, Detailed How To Video

CLICK TO WATCH →

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INSTRUCTIONS

CARTRIDGE DISPENSING INSTRUCTIONS

1



Unscrew cap and remove plug.

2



Insert cartridge into dispensing tool.

3



Dispense until both Parts exit the cartridge. Wipe excess and screw on nozzle.

4



Dispense and discard first 1 inch of material.

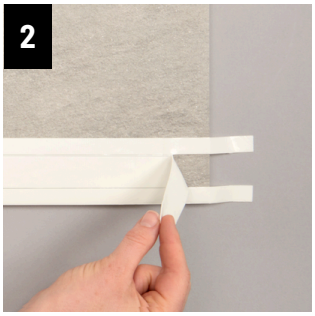
APPLICATION INSTRUCTIONS

1



Apply EZ Form® to desired tread location.

2



Remove the center strip from EZ Form®.

OPTIONAL



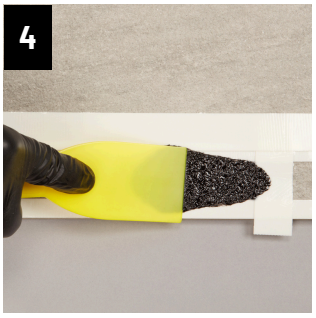
Use the center strip to mask the sides and ends.

3



Follow Cartridge Dispensing Instructions and apply Form-A-Tread® Original.

4



Spread material to the level of the EZ Form®.

5



Remove EZ Form® within 15min.

OPTIONAL



Apply Tread Grit® to desired texture (see Data Sheets).

6



Allow to fully cure before opening to traffic (see Cure Schedule).

CLEAN UP

Clean uncured material from tools and surfaces with industrial cleaning wipes, isopropyl alcohol, or xylene.

REMOVAL

Use a chisel or angle grinder to remove cured product.

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