

3M

Safety-Walk™

General Purpose anti-slip surfacing

Black (Ref 610)

Technical Data

Dynamic coefficient of friction :			
Surface	Condition	Values	Mini
Rubber	Dry	1.04	0.50
	Wet	1.02	0.60
	Oil	0.87	0.30
Leather	Dry	0.74	0.40
	Water	1.19	0.40
	Oil	N/A	N/A
Slip resistance :			
• DIN 51130 (ZH1/571)			
- friction (dry) R =		13	
- volume (ml/dm ²) V =		-	

← Typical average values

Chemical Resistance :

Water	R
Soap (1% Ivory Flakes in water)	R
Detergent (1% Dreft in water)	R
Bleach (5,25% sodium Hypochlorite)	R
1% Sodium Hydroxide	R
1% Hydrochloric Acid	R
25% Sulfuric acid in water	R
Isopropyl Alcohol	R
Methyl Ethyl Ketone	I
Mineral Spirits	NR
Trichloroethylene	NR
Peanut Oil	R
Hydraulic Fluid (Skydrol 500B)	R
Motor Oil	R
Gasoline (unleaded)	IC
Diesel fuel	I
50% Anti-freeze in water	R
Wind screen washer fluid	R

R = Recommended for non continuous immersion
I = Recommended for Intermittent exposure only
NR = Not Recommended

IC = can stand incidental contact, if thorough weekly cleaning/rinsing

Note :

The recommendations noted here are based on results of 7-day immersion tests bonded to stainless steel.

Packaging and Marking :

Treads:

19 mm x 610 mm : 3 x 50 pcs/case

140 mm x 140 mm : 50 pcs/case

152 mm x 610 mm : 50 pcs/case

Rolls :

19 mm x 18.3 m : 4 rolls/case

25 mm x 18.3 m : 4 rolls/case

51 mm x 18.3 m : 2 rolls/case

102 mm and wider : 1 roll/case

Each case is marked with product name, size, colour and manufacturer's trade name.

Installation & Cleaning

Instructions :

An installation & cleaning instruction leaflet is included in each carton.

See page 3 of this technical data sheet for surface preparation, application and maintenance instructions.

Accessories :

- 3M primers :
 - Scotch-Grip™ EC2141
 - Scotch-Grip™ FB10
 - Scotch-Clad™ 776
- 3M edge sealing compound :
 - Scotch-Seal™ 1103 Clear Sealant

Storage conditions :

It is recommended to store the product in its closed carton, preferably at a

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temperature between 15°C to 30°C with humidity in the range of 50% to 60%.

Shelf life :

It is recommended to use the product within 3 years from the date printed on the carton.

Product durability :

When exposed to pedestrian traffic only, the product will stand at least 1 million crossings. (around 3 years if 1000 people walking over every day).

Wheeled traffic will significantly reduce product life.

Product Disposal :

Post-consumer waste can be disposed of in appropriate containers and/or be incinerated.

Product Origin :

Made in USA and converted in France., in ISO 9002 certified plants.

Source of Supply :

France : S.O.A. Distribution centre



3M Commercial Care Laboratory Europe

P.O. Box 324 1, rue G. Couturier

F-92506 Rueil-Malmaison Cedex

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3M Safety-Walk Slip Resistant Materials Installation & Cleaning Instructions

Surface Preparation :

Make sure surface is clean, dry, smooth and above minimum temperature of application :

Mop clean:	4°C (40°F)
Conformable:	4°C (40°F)
General Purpose:	4°C (40°F)
Resilient Medium:	4°C (40°F)
Resilient Fine:	10°C (50°F)

Repair or replace any damaged or broken surface.

Remove chipped, cracked or peeled paint from surface.

Strip waxed floors prior to washing.

Use appropriate cleaner or solvent wipe to clean surface :

Type of surface	Recommended preparation
Bare metal, polyethylene, polypropylene	Solvent wipe
Painted metal, painted plastics, painted wood, gel-coated fiberglass, epoxy floors	Solvent wipe or degrease wash , rinse and let dry.
Porous concrete	Degrease wash, rinse and let dry
Painted concrete	Degrease wash, rinse and let dry
Vinyl tile, marble, terrazzo ceramic	Strip off floor finish, wash , rinse and let dry
Quarry tile	Degrease wash, rinse and let dry

Application Instructions :

Tools needed: rubber hand roller or rubber mallet.

1. Individual pieces should be spaced a minimum of 12 mm apart and a maximum of 50 mm apart.
2. Round the corners of any pieces cut from rolls.
3. Peel protective liner back about 50 mm from one end and position piece on sur-

face. Note: minimize touching (contaminating) adhesive with fingers.

4. Continue to remove liner and press firmly in place as liner is removed.
5. For small pieces, peel liner off piece. Holding piece by its edges, curve it gently with the adhesive side out. Align the middle of the piece over the middle of the target surface and press down.
6. Finally press into firm contact with surface using a rubber hand roller by starting in middle and rolling out towards edges.
7. For applying 3M Safety-Walk Conformable treads, use a soft-headed rubber mallet to ensure product conformability to surface. Pound edges extra hard.
8. On steps, apply 3M Safety-Walk materials 12 to 15 mm from stair edge to prevent edge curl and premature wear.

Helpful hints for proper application :

Rough or smooth, porous surfaces :

Prime coat with a 3M primer is recommended for proper adhesion.

Painted surfaces :

3M Safety-Walk materials can be applied on most painted surfaces which are in good condition and will adhere as well as the base paint. Painted surfaces must be thoroughly dry before the application.

Treated and untreated wood :

Wood surfaces must be sealed or painted before application of 3M Safety-Walk materials.

Immersed surfaces :

Do not apply 3M Safety-Walk materials on surfaces with constant water contact or moisture seepage.

Grouted floors :

Do not bridge over grouting, cracks or breaks in all surfaces. Cut into smaller pieces.

Kitchen and greasy floors :

Application of 3M Safety-Walk materials is not recommended for quarry tile in commercial kitchens.

Wet areas :

For extra protection from excessive moisture or liquids (not constant moisture) use 3M Scotch-Seal™ 1103 Clear Sealant to protect the edges of 3M Safety-Walk materials against penetration of liquids.

Priming Instructions :

1. Properly clean the floor following "surface preparation" procedure.
2. Use a paint brush and paint on a thin coat of primer where the 3M Safety-Walk materials are to be applied.
3. Allow the primed area to dry thoroughly (no evidence of stickiness or tackiness) before applying 3M Safety-Walk material.

Note : Primers are not recommended with the clear grade because the transparency benefit is then lost.

Maintenance Instructions :

Periodically inspect product application to maintain product effectiveness.

Keep free of dirt and other residue that might impair functionality.

General Purpose, Conformable treads should be decked-brushed regularly.

Fine Resilient, Medium Resilient and Mop Clean materials should be mopped or deck-brushed regularly.

Use appropriate degreaser/cleaner as a general maintenance cleaner to keep material and surrounding surfaces free of soil and grease.

Removal and replacement :

To remove and replace worn or torn material:

1. Start by pulling up old material.
Use of a heat gun and a scraper will assist in this process.
2. After total removal of old materials, use a degreaser or solvent based cleaner to remove adhesive residues before proceeding with re-application of 3M Safety-Walk materials.



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3M Safety-Walk Slip Resistant Materials PRODUCT SELECTION GUIDE

Typical Applications	Type of 3M TM Safety-Walk TM Slip-Resistant Material					
	General Purpose	Coarse	Conformable	Mop Clean	Medium Resilient	Fine Resilient
Construction, mining & agricultural machinery e.g excavators, trucks, cranes, tractors, forklifts...	λ	λ	μ	λ		
Steps, stairs, ramps, scaffolding, platforms...	λ	λ	μ	λ		
Ladders, stepladders, step-tools...	λ		μ	λ		
Recreational vehicles e.g snowmobiles, all-terrain vehicles, garden tractors lawn mowers...	λ	λ	μ	λ		
Leisure equipment and vehicles e.g skateboards, motor-scooters...	λ			λ		
Aerospace industry e.g cargo holds, wings...	λ		μ	λ		
Transportation, trains, trams, buses & coaches...	λ		μ	λ		
Marine leisure e.g leisure craft & yachts, water skis, surfboards, jet skis...				λ	λ	
Swimming pool areas, diving boards				λ	λ	
Bath areas, showers, changing rooms...				λ	λ	λ
Bathtubs						λ
Friction enhancement e.g conveyor rollers, shelf surfaces...					λ	
Food service areas *	λ			λ		

* Not recommended for application on greasy quarry tiles.

λ Recommended for flat or smooth surfaces

μ Recommended around corners or for irregular surfaces

Safety-Walk General Purpose Slip-Resistant Material : Conformance to Military Specification MIL-D-17951 (SH) is available when required.



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