

3M

Safety Walk^{MR} Phosphorescent Anti-Slip Tapes

Technical Data

July/03

Replaces: Initial

Description:

Safety Walk^{MR} Phosphorescent General Usage

Flexible product consisting of grain artificial abrasives (aluminum oxide) applied over a polyester film. Featuring a phosphorescent tape applied over the polyester film and rubber adhesive also applied over the polyester film and protected by a paper liner with custom printing.

- **Colors:** Black

- **Dimensions:**

Standard Items: Rolls with a 20 meter length and a 50 mm width.

- **Application:**

Ideal tape for application on flat surfaces, mainly in places where besides the need to avoid slips, it is also capable of indicating, in low light conditions or in the lack of light (power outages), a visual signaling for safety stairs, ramps, corridors, etc. for internal and external areas.

Safety Walk^{MR} Clear Phosphorescent

The product consists of grain artificial abrasives (aluminum oxide) applied over a polyester film. Featuring a phosphorescent tape applied over the polyester film and rubber adhesive also applied over the polyester film and protected by a paper liner with custom printing.

- **Color:** Transparent

- **Dimensions:**

Standard Items: Rolls with a 20 meter length and a 50 mm width

- **Application:**

Ideal tape for application on flat surfaces, mainly in places where besides the need to avoid slips, it is also capable of indicating, in low light conditions or in the lack of light (power outages), a visual signaling for safety stairs, ramps, corridors, etc. for internal areas. Only indicated for internal areas with low people transit.

Accessories:

Contact adhesive for Safety Walk^{MR} General Use

Adhesive composed of: polychloroprene, acetone, toluol, naphtha and synthetic resins.

Contact adhesive for Safety Walk^{MR} Clear

Adhesive composed of: block copolymer - type ABA, terpenic resin, methylene chloride, toluol, antioxidant and U.V. absorbent.

The function of the Contact Adhesives is similar to that of a primer, that is, they close the pores and other small imperfections on the floor to avoid blisters and points with lack of contact with the Safety Walk^{MR} Anti-Slip Tape, acting as a floor leveler, as well as granting a greater resistance to the tape in areas subject to dampness and intense traffic.

Edge Sealer:

Composed of: acrylic resin and methyl-ethyl-cetone

Its use is a determinant to ensure long life to the application, featuring as its only purpose the avoidance of liquid and dirt penetration under the Safety Walk^{MR}. Anti-Slip Tape.

Rubber Roll:

Is destined to avoid the formation of blisters on the tape.

Rubber Hammer:

Is destined to reinforce the adhesion of the tape adhesive to the Contact Adhesive.

Note: For internal areas with low people transit, such as safety stairs, fire stairs, residential condominiums, residential areas, etc. the application of the Contact Adhesive (Primer) and the Edge Sealer is not necessary. For areas with intense people transit such as hospitals entrance and exit halls, shopping centers, banks, commercial condominiums, subway, supermarkets, universities, etc. the application of the product without Contact Adhesive and Edge Sealer is not recommended. Follow the cleaning instructions and the tape application instruction carefully.

Physical Properties:

- Thickness: 0.5 mm
- Minimum application temperature: 4 °C.
- Maximum use temperature: 79°C.

Phosphorescence Properties:

Phosphorescence Norm DIN 67510-1	Value of the Safety Walk ^{MR} Anti-Slip Tape (mcd/m2)	Minimum Required Value
• After 10min	29.6	20
• After 60 min	4.2	2.8
Phosphorescence decrease time span for 0.3 mcd/m2 *	480 minutes	340 minutes

* Visible Phosphorescence Limit

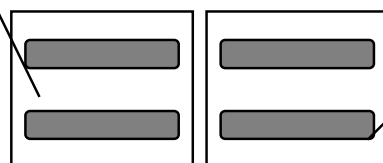
Note: Product exposed to a 1000 Lux charge for 5 minutes, as per Norm DIN 67510-1. The tape phosphorescence durability may present variations, in the event it is not exposed to a sufficient light intensity and for a period of time also sufficient to enable the tape to reach maximum load.

Important advice:

- We do not indicate the application of the Safety Walk^{MR} Anti-Slip Tape in industrial kitchens, butcheries, cold storage plants, grinders, or areas presenting high oiliness due to the critical conditions of the location;
- Do not apply Safety Walk^{MR} Anti-Slip Tape continuously over floor joints. In these situations the tape should only cover full floor plates.

5 a 10 cm

IDEAL

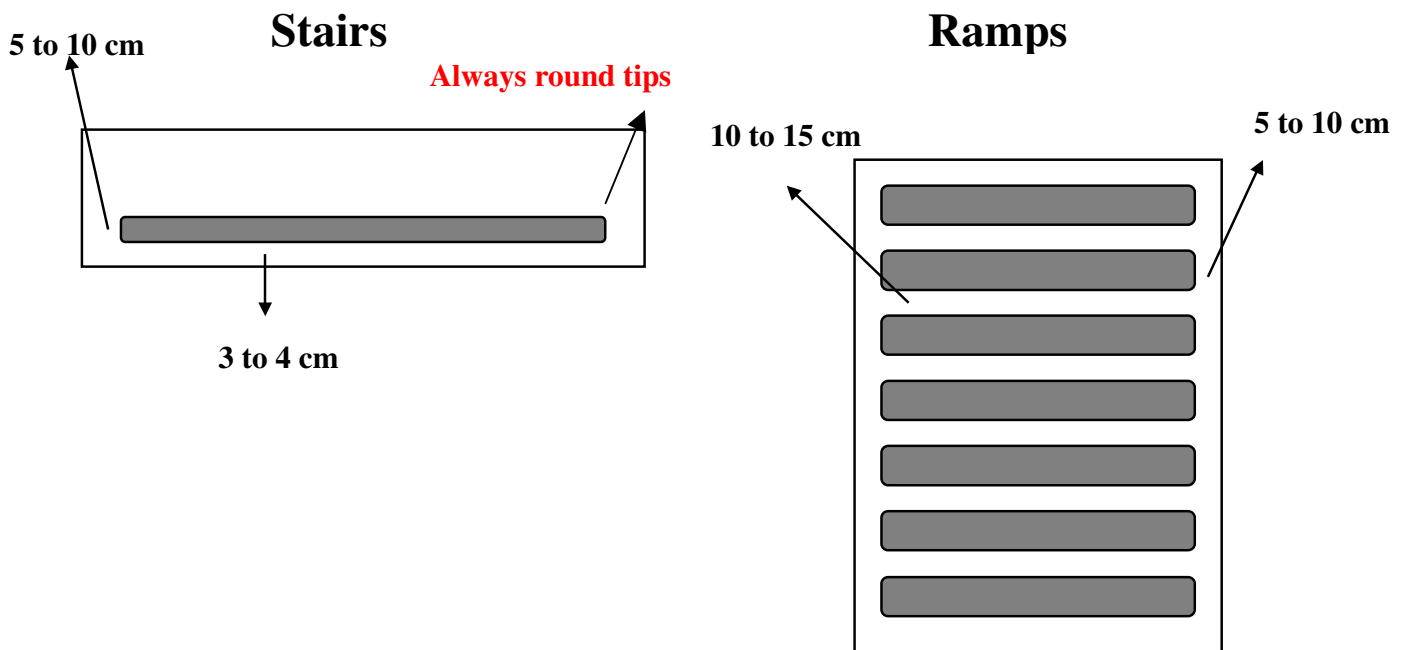


1 cm



DON'T APPLY
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- There should not be dragging of objects over areas where Safety Walk^{MR} Anti-Slip Tape has been applied; if products transportation is necessary, use carts with soft wheels (e.g. rubber);
- We do not indicate the application of Safety Walk^{MR} Anti-Slip Tape in areas subject to heavy automotive vehicles traffic (e.g. ramps), heavy and strong traction vehicles (e.g. fork lifts);
- We do not indicate the application of Safety Walk^{MR} Anti-Slip Tape CLEAR in external areas and areas subject to intense people transit;
- During application the primer can should be maintained closed to avoid solvent evaporation;
- We suggest that the tape corners are rounded before installation, to eliminate critical unfastening points.
- Do not apply in locations where tape will be totally immersed in water (e.g. swimming pools)
- Other precautions upon application:



3M

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