Improving floor safety

Floor coating combining anti-slip properties with peelable removability

Provides wet slip resistance (35+ BPN / P3) to the AS 4586-2013 and AS/NZS 4586-2004 standards.
Making hazardous floors safer  
Reducing the risk of slips and trips

Slips, trips and falls represent 21 percent of serious worker compensation claims in Australia, estimated to cost $8.7 billion per annum². In New Zealand, these incidents account for 51 percent of Accident Compensation claims, at a cost of approximately $124 million³.

Increasing floor safety in high risk areas such as entrance ways, service corridors and bathrooms can significantly reduce the occurrence and cost of slip and trip accidents.

3M's latest innovation, 3M™ Safety-Walk™ Anti-slip Peelable Coating 3500 will assist businesses to improve their floor safety. It is a water based patented floor coating technology designed to increase the safety of vinyl, ceramic, terrazzo and other hard floor surfaces in commercial buildings.

Unique to the market
Developed in Australia, globally patented
Combining anti-slip properties with peelable removability

The coating’s anti-slip properties are achieved using innovative bead technology based on micronised organic polymer spheres which create a distinctively textured surface. Due to their rounded shape, the beads impart a unique non-abrasive micro-textured surface with optimum abrasion resistance, gloss control and aesthetics.

Safety-Walk Anti-slip Coating provides wet slip resistance (35+ BPN / P3) to the AS 4586-2013 and AS/NZS 4586-2004 standards¹.

Easy to apply, easy to remove

Tape around area. Beginning at a corner, spread the coating using long strokes working backwards.

Three coats are required to optimise durability, performance and ensure peel integrity.

When worn, simply lift edges and peel away coating. The surface is then ready to apply a new coating.
3M™ Safety-Walk™ Anti-slip Peelable Coating 3500

3M™ Safety-Walk™ Anti-slip Peelable Coating 3500 is designed using a blended polymer dispersion with organic polymer particles. The patented combination of translucent beads and polymer dispersion provides added slip protection. This creates a floor coating that improves the wet slip resistance of interior commercial building floors. It dries to a virtually unnoticeable finish allowing floor aesthetics, features and colours to come through. The polymer dispersions are purposely blended to impart durability, chemical resistance, film clarity and easy peelability when the product needs to be removed.

**Features**

- Meets Wet Slip Resistance (35+ BPN / P3) to AS 4586-2013 standards
- Meets Dry Slip Resistance (0.6+ COF)
- Peelable. When it needs to be replaced – it simply peels off and the floor is instantly available to re-coat
- Easy to apply
- Water based with no harmful odour
- Conforms to grout lines
- Minimal change to floor gloss and clarity
- Easy to clean
- Patch repairable
- Does not require water in application or removal
- Advanced surface protection
- Cleans floor and grout lines on removal
- Developed in Australia
- Globally patented technology

**Application Areas**

Ideal for commercial building floors in high risk, slippery areas including:

- Entrance ways
- Bathroom access-ways
- Service corridors
- Bathroom wash basin areas
- Staff rooms / kitchen areas

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**Australia and New Zealand Floor Safety Standards**

Commercial floors must meet slip safety standards. In Australia and New Zealand two main guidelines apply; the Wet Slip and Dry Slip standards (AS/NZS 4586). The methods for measurement are the wet pendulum resistance test and dry floor friction test consecutively. The wet pendulum test is conducted using a Munro - Stanley London Pendulum Friction Tester, consisting of a weighted foot (the slider) and measurement arc. This device gives a direct measure of the friction between test foot and floor surface. The results are expressed as a British Pendulum Number (BPN) and classified according to AS/NZS 4586 as shown in the table.

<table>
<thead>
<tr>
<th>Pendulum Classification</th>
<th>BPN Range</th>
<th>Location Example for V to Z classifications according to HB197:1999</th>
<th>National contribution of the floor surface to the risk of slipping when water wet</th>
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<tbody>
<tr>
<td>AS 4586-2013 AS/NZS 4586-2004 Slider 96 TRL</td>
<td></td>
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<tr>
<td>P5</td>
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<td>P0</td>
<td>-</td>
<td>&lt;12</td>
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Graphs show the wet and dry slip test results of various customer floors before and after the application of the anti-slip coating. Tests were conducted by an independent consultant during 3M customer trials in Australia.
3M™ Safety-Walk™ Anti-slip Edge Sealer 1000

The Edge Sealer is designed to seal the exposed edges of 3M's Anti-slip Peelable Coating. Sealing the edges prevents liquids seeping underneath the coating and damaging its integrity.

3M™ Easy Applicator Tool

The applicator tool is ideal to efficiently apply the Anti-slip Floor Coating, producing a professional, consistent, even, streak and bubble-free coating. The Easy Applicator Pad is made of sturdy woven fabric that resists shedding. It can be washed and reused.

ScotchBlue™ 2090 Tape

When applying Anti-slip Peelable Coating 3M recommends taping the edges of the area being coated with ScotchBlue™ 2090 Tape. As:

- It will help define the finished edge to the coating
- The acrylic adhesive leaves no residue
- It has medium adhesion that won’t damage floor surfaces
- It is easy to remove after the coating has been applied

3M™ Doodlebug™ Brush & Floor Pad Brush

Made from nonabrasive, long-lasting polypropylene bristles. These brushes effectively clean the Anti-slip Peelable Coating surface, without damaging the coating. They are also ideal for cleaning:

- Tile and grout in bathrooms
- Shower and kitchen areas
- Concrete
- Brick
- Raised circular pattern rubber floors

### Product Details

<table>
<thead>
<tr>
<th>Product code</th>
<th>Product description</th>
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</table>

3M has been protecting people in a wide variety of workplace environments for decades. The new peelable coating is an exciting addition to our workplace safety range which already includes safety solutions in floor coating finishes, entrance, safety and anti-fatigue matting, anti-slip traction tapes and sorbents to soak up liquid spills. From commercial buildings and retail stores to hospitals, transportation and manufacturing environments, 3M’s innovative solutions help keep people safe.

For more information about 3M cleaning and workplace safety solutions please contact us:

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