



Technical Data Sheet

Product Name: FiberFlex Impact

PRODUCT DESCRIPTION

FiberFlex Impact is a premium slip-resistant safety flooring combining durability, slip resistance and versatility. FiberFlex Impact is designed for applications requiring enhanced impact absorption, non-slip properties, and resilience against wear and tear. FiberFlex Impact integrates three high- performance materials to create a robust and reliable solution for demanding environments.

COMPOSITION

1. BASE LAYER: MASTICATED RUBBER

Description: The base layer of FiberFlex Impact consists of masticated rubber. This material is known for its excellent impact resistance, durability, and sound absorption qualities, making it ideal for use in high-traffic areas.

Properties of FiberFlex base layer:

- Density: 950 kg/m³
- Shore A Hardness: 65 ± 5
- Tensile Strength: 1.5 MPa
- Elongation at Break: 60%

2. WEAR LAYER: FIBERFLEX COATING

Description: FiberFlex wear layer is a high-performance coating that bonds onto the masticated rubber base. This layer provides a durable barrier against wear, chemicals, and moisture, extending the lifespan of the surface.

Properties of FiberFlex coating:

- Density: 1.2 g/cm³
- Shore D Hardness: 45 ± 5
- Tensile Strength: 6 MPa
- Elongation at Break: 300%
- Abrasion Resistance: 25 mg (ASTM D4060)

3. TOP LAYER: FIBERFLEX SLIP RESISTANCE

Description: The top layer is embedded with FiberFlex Slip Resistance, a specially formulated material that enhances the surface's non-slip properties. This feature ensures maximum safety, reducing the risk of slips and falls, especially in wet or high-moisture environments.

Properties of FiberFlex slip resistance:

- Particle Size: 20-40 mesh
- Shore A Hardness: 85 ± 5
- Coefficient of Friction: 0.85 (dry), 0.75 (wet)
- UV Resistance: Excellent

KEY FEATURES

- Safety: The FiberFlex Impact top layer ensures superior non-slip performance, even when the surface is wet, making it ideal for areas where safety is a priority.
- Durability: The combination of masticated rubber and FiberFlex wear layer provides a long-lasting, resilient surface that can withstand heavy use and harsh conditions.
- Versatility: FiberFlex Impact is suitable for a wide range of applications, including gym floors, commercial restrooms, industrial workspaces, and other environments where safety, slip-resistance and durability are essential.
- Impact Absorption: The rubber base layer offers excellent impact absorption, reducing the risk of injury from falls or dropped objects.

APPLICATIONS

- Any areas where slips and falls can occur including:
 - Sports and fitness facilities
 - Commercial restrooms, break rooms and kitchens
 - Industrial and commercial spaces
 - Wet environments such as pet care centers
 - Public spaces with high foot traffic

INSTALLATION GUIDELINES

- Refer to the FiberFlex Impact installation guide for detailed installation instructions.

MAINTENANCE

- Regular cleaning with mild detergents and water is recommended to maintain the surface's appearance and non-slip properties. Avoid using harsh chemicals or abrasive tools that could damage the surface.
- See FiberFlex cleaning guide for cleaning instructions.

Warranty

FiberFlex Impact comes with a 10-year warranty, ensuring quality and performance under normal usage conditions. For more detailed warranty information, please contact our support team.

Manufacturer Information

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Disclaimer

The information provided in this technical data sheet is based on current knowledge and experience. Users should conduct their own tests to determine the suitability of the product for their specific application.

