



BLOMSMA SIGNS & SAFETY

Product Bulletin

FRP Anti-slip profiles and covers

Product Description

FRP Anti-slip profiles and covers are non-load bearing and pre-fabricated for installation over existing substrates including concrete, metal, fibreglass, steel and composite grating, wood and tile. Profiles and covers are produced from high quality fibreglass with embedded silicon carbide stones. Highly non-slip, whether they come into contact with water, oil or any other materials/substances. Depending on the base material of construction and surface the covers need to be attached with high quality fasteners and materials or tack-welding.

Recommended Adhesive (Non-mechanical installation)

Sikaflex®-252 is a 1-component, moisture cured, polyurethane adhesive

Product

These are indicative values for processed products.

Characteristics

Physical & Application

Material	Fibrous Glass, Polyester Resin, Catalyst (peroxyester), Styrene, Aluminium Oxide and Pigment. Ingredients are chemically cured and bonded together.
Surface Finish	- Extra coarse (offshore, maritime and industrial use) - Fine coarse (commercial and residential use)
Nominal thickness	6 - 7 mm Extra coarse 5 - 6 mm Fine coarse
Application method	Mechanical fasteners, urethane adhesive, PSA (Pressure Sensitive Adhesive) or tack- welding
Surface type	Concrete, fibreglass, steel and composite grating, wood, tile
Melting point	> 400 °C
Inflammation point	480 °C
Auto ignition temperature	Not auto-flammable
Extinguishing media	Water, CO ₂ , foam or powder
Chemical Resistance	Resistant to most mild acids, alkalis, and salt solutions including salt water

Storage & Shipment

Shelf life	Undetermined
HS Code	7019 9000

Durability

The durability of the profiles and covers mentioned below shows the best performance expected from this product, provided that the product will be processed and applied/mounted professionally. The durability statements do not constitute warranties of quality, life and characteristics. The durability of the product is also influenced by the type of substrate and thorough preparation of the surface, the application procedures and environmental factors. Graphic and colour durability is largely determined by the climate and the light exposure.

Outdoor exposure	2 years
Indoor exposure	2 years
Warranty	The warranty includes delamination and color fastness

Maintenance and Cleaning

Regular cleaning will keep the profiles and covers free of debris. This ensures that the optimum anti-slip properties are retained. Most household methods can be used. Detergents and mild degreasers work well. For persistent stains and debris use a stiff bristle brush. High pressure headed water may also be used.

CAUTION: Do not use mops. The gritted surface will catch up and retain fibres. Solvents are not generally recommended. If necessary, mild solvents may be used provided they are diluted and immediately hosed off with water.

Remarks

Important notice

This bulletin provides technical information only.

All questions of warranty and liability relating to this product are governed by the terms and conditions of the sale, subject, where applicable, to the prevailing law.

Before using, the user must determine the suitability of the product for its required or intended use, and the user assumes all risk and liability whatsoever in connection therewith.

As outdoor profiles and covers age, natural weathering occurs causing a gradual reduction in gloss, slight color changes, some lifting at the edges or around rivets, and ultimately a minor amount of cracking.

These changes are not evidence of product failure and are not covered by a warranty.