

## PROUDI TRADING FZE

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### Proudi ROOF

Proudi Roof Waterproofing 106 is a specially formulated single pack, elastomeric acrylic waterproof coating. outstanding durability, resistance to weathering and a very high degree of flexibility. Specially formulated for middle east climatic conditions.

### Uses

- Recommended to use in most types of roofs, such as concrete, Cement Sheets, Marine Plywood, PU foam, metal, asbestos, etc.
- Ideal for waterproofing of car park decks and to exposed surfaces in water prone systems
- Recommended as a protective membrane for P.U. installation

### Advantages

- Permanent water leaks protection for concrete and metal roofs
- Provides a flexible low permeability surface.
- Excellent resistance to ingress of water
- Excellent resistant to abrasion and UV rays.
- Nontoxic. Recommended for tanks waterproofing applications.
- Excellent adhesion to concrete, PU foam, metal sheets, cement sheet, natural and artificial stone.
- Excellent resistance to chloride ion diffusion and carbon dioxide.
- Excellent waterproof coating
- Excellent barrier for fungal growth

### Standards

**British Standards-8102**  
 DIN 1048, Part 5: 1991, BS 8102

### Coverage

1kg/m<sup>2</sup> per coat, approximately (depending on the surface and the means of application)

### Health & safety

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn (see packaging for specific instructions). Treat any splashes to the skin or eyes with fresh water immediately

# ROOFGUARD 106

Elastomeric Acrylic Waterproof Coating



### Packing

20 Kg Pail  
 200 Kg Drum

#### Shelf Life

Shelf life of 12 months in unopened original packing. Store under cover, out of direct sunlight and protect from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment, i.e. less than 30 oC.

#### Resistance

Acids, alcohols, petrol, diesel, saline and non- saline solutions

## Application instruction

### Surface Preparation

The support must be clean, free of dust, dirt, oil grease and loose particles. When applying on metal surfaces, remove rust and contamination for best results. Apply with brush, roller or an appropriate spray

### Application

To apply Proudí Roof Waterproofing, start by applying a primer coat that consists of 80% acrylic waterproofing and 20% water using a brush, roller, or spray. Allow the primer coat to dry completely. Once dry, apply a minimum of two undiluted coats of Proudí Roof. Ensure that each coat has fully cured, which requires a minimum of 8 hours at 30°C, before applying the next coat. For enhanced performance, reinforce the first coat with a glass fiber mat while it is still wet, particularly at expansion areas and joints with parapets.

### Technical support

**Proudí** will be pleased to offer full technical support on specific applications.

### Tools Cleaning

Tools should be cleaned with water before hardens, as the cured material is very hard to be removed by manually

## Characteristics

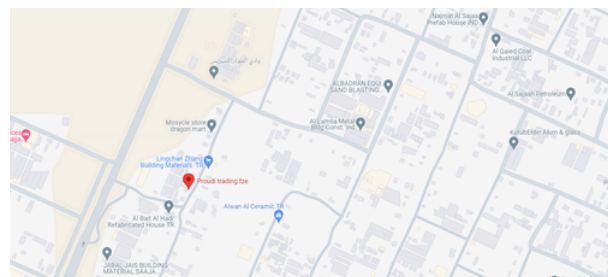
The product has a density of 1.25 and a pH level ranging from 8 to 8.5. It contains  $60 \pm 2\%$  solid content by weight and exhibits an elongation at break of 200%. The color of the product is white, and it is classified as non-toxic.

## Our Product Range

Our product range encompasses a diverse array of solutions designed to meet various construction needs. We offer cementitious additives that enhance the properties of cement mixtures, improving strength, workability, and durability. Our portfolio also includes bonding agents and adhesives that ensure robust adhesion between surfaces, crucial for successful installations and repairs. Additionally, we provide a range of concrete flooring and topping products that deliver both aesthetic appeal and functional durability for industrial and commercial spaces.

In the realm of structural integrity and maintenance, we supply concrete structural repair products to address and rectify damage, restoring the strength and stability of concrete structures. Our marble and stone protection systems are engineered to preserve the beauty and longevity of natural stone surfaces, while our cementitious and epoxy grouts offer reliable solutions for filling joints and voids, ensuring seamless and durable finishes. We also specialize in advanced waterproofing systems that safeguard structures against moisture and water ingress, as well as specialized construction products tailored to meet unique project requirements.

Furthermore, our offerings include fireproof mortar and sealants designed to enhance the fire resistance of building elements and ensure safety in high-risk areas. Our cement plaster systems provide superior finish and protection for walls, while our injection systems are ideal for precise repair and reinforcement applications. Each product in our range is meticulously formulated to deliver exceptional performance and quality, addressing the specific demands of modern construction and repair projects.



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