

ULTRA TILE WaterShield™

Technical Data Sheet

Wet Room and Shower Sealant Kit

Features

- ◆ Waterproof
- ◆ Flexible
- ◆ Walls & Floors
- ◆ Easy application
- ◆ Suitable for most common substrates

WaterShield™ is a flexible waterproofing membrane designed for use beneath ceramic, porcelain, natural stone tiles and mosaics in wet rooms and showers. Suitable for internal walls and floors, the system protects underlying layers from the ingress of water and can be applied successfully to most common substrates.



Waterproof



24 hours
Set Time



Internal
Floors



Lifetime
Guarantee



Manufactured by **Instarmac® Group plc**

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An **INSTARMAC®** Brand

Wet Room and Shower Sealant Kit

INFORMATION

Watershield TM is a flexible tanking membrane, specifically designed for waterproofing walls and floors beneath ceramic, porcelain and natural stone tiles as well as mosaics. The product is suitable for internal applications subject to intermittent and frequent wetting such as domestic and commercial showers, wet rooms and saunas. **Note:** Watershield TM should not be used for areas of total immersion (such as swimming pools) or externally.

The system consists of a brush-applied liquid, a bond primer, a waterproof polyester tape and a sheet of polyester matting. The tape reinforces the membrane in areas of additional stress (such as internal and external corners, junctions between floors and walls, around floor drains and channels, changes in plane, on suspended and timber floors, in heavily trafficked areas, etc.)

The product can be applied to most common substrate types including moisture sensitive backgrounds such as plaster, plasterboard, timber and tile backing boards. **Note:** Proprietary tile backing boards are designed to remain dimensionally stable during partial or complete saturation; however, they are not impervious to the passage of water until they have been coated with Watershield TM.

SURFACE PREPARATION

Ensure that all surfaces are sound, clean, firm, dry, free of dust, dirt, oil and grease, and are strong enough to support the weight of the adhesive and tiles being fixed. Substrates also need to be flat and free from gaps or cracks. **Note:** Narrow gaps can be bridged using the Watershield TM tape.

APPLICATION TECHNIQUES

Application to walls

Watershield TM primer should be diluted first in the ratio of 1 part product to 2 parts clean water. Apply to the area to be waterproofed with a brush and allow to dry. Follow with Watershield TM liquid membrane, which should be applied with a suitable brush to all internal and external corners, junctions between floors and walls, junctions between boards and/or different substrates, areas where pipes penetrate and any small cracks or gaps in the background. Next apply the Watershield TM polyester tape to the wet membrane, making sure no gaps between the lengths of the tape remain. Paint a second layer of membrane over the Watershield TM tape. Distribute the rest of the liquid membrane with a brush over the remaining area of walls and floors to a height of no less than 1m. If the system is applied to frequently used showers or other wet rooms, we recommend that you waterproof the entire area.

Application to floors

Watershield TM primer should be diluted first in the ratio of 1 part product to 2 parts clean water. Apply to the area to be waterproofed with a brush and allow to dry. Next brush apply Watershield TM liquid membrane to the entire floor. For timber floors, suspended floors and in heavily trafficked areas, apply waterproof matting to the wet membrane, making sure the layers overlap by approximately 20mm. Finish with a second layer of liquid membrane, painted over the matting.

DRYING

Watershield TM should not be used at temperatures below 5°C. The product should be fully cured, allowing for tiling to begin 24 hours after application at 20°C. **Note:** Lower temperatures and high humidity will extend drying times.

TECHNICAL DATA

Packaging:	5.5kg pack.
Package Contents:	5kg liquid membrane, 500ml bond primer, 10m of 100mm wide waterproof polyester tape and 1m ² polyester matting.
Coverage Rates:	5m ² at 1mm thickness per 5.5kg pack (generally 2 coats).
Drying Time:	24 hours at 20°C.
Storage:	Store upright in dry conditions away from direct sunlight at temperatures between 5°C and 25°C. Protect from frost and damp conditions.
Shelf Life:	12 months in sealed containers in the above conditions.

HEALTH & SAFETY

Please ensure that the appropriate PPE is used when preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste appropriately. A full Material Safety Data Sheet relating to this product is available from www.instarmac.co.uk

• S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice • S28 After contact with skin, wash immediately with plenty of water • S36/37/39 Wear suitable protective clothing, glasses and eye/face protection.