



WATERPROOFING RANGE HYDRO FORCE

Fired Earth Damp X Hydro Force Waterproofing is an acrylic waterproofing system comprising of a combined saturator / sealer / topcoat, to be used in conjunction with a reinforcing polyester fabric (membrane). It prevents water ingress into roofs, parapet capping and masonry walls, and seals cracks and holes where leaks may occur. Fired Earth Damp X Hydro Force Waterproofing can be used to treat difficult areas and joints where convention waterproofing is required.

FEATURES & BENEFITS

- Tough and flexible
- Non-toxic
- Forms a watertight system with the membrane
- Low density system: does not add excess weight to structures
- Excellent adhesion to suitably prepared surfaces
- May be overcoated with quality acrylic topcoats
- Lead content, less than 90 ppm

USES

- Sealing of plastered exterior walls and parapet wall capping
- Sealing of roof flashings, joints, and fastener heads
- Sealing of cement roof tiles and capping
- Waterproofing of flat roofs (e.g., concrete, asbestos, fibre cement, IBR-zinc sheeting)
- Waterproofing of timber and building board / composite board roofs

PRODUCT INFORMATION - PHYSICAL & TECHNICAL INFORMATION

PHYSICAL FORM:	Paint: non-flammable, water-based viscous coloured fluid. Fabric: uncoloured needle-punched polyester cloth (BIDUM)
COLOURS:	Standard Colours
FINISH:	Low sheen
POLYMER TYPE:	Modified flexible acrylic latex with exceptionally low water uptake
DRYING PROPERTIES:	Touch dry 1 hour
RECOATING TIME:	Over coating time 4 – 6 hours-depending on temperature conditions @ 23°C. 14 Days full cure
MASS SOLIDS	35% ± 2%
VOLUME SOLIDS	23% ± 2%
S G at 23 °C	1.2±0.05 Kg/L
FLASH POINT:	N/A - Waterborne Product
PACKAGING SIZES:	5ℓ & 20ℓ
THINNING:	No thinning required, product is supplied ready for use
CLEANING:	Clean all tools (brushes & rollers) while wet with water after use

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DO NOT PAINT IF

IF THE TEMPERATURE IS BELOW 100C OR ABOVE 350C
IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
IF IT IS RAINING OR RAIN IS FORECAST
BEFORE 9H00 AND AFTER 16H00 IN THE WINTER

IMPORTANT

- Do not use Fired Earth Damp X Hydro Force Waterproofing underneath tiles or areas of long-term ponding.
- Metal surfaces must be primed with Fired Earth Metal Primer.
- Masonry surfaces may be friable: treat with Fired Earth Bonding Liquid.
- Raw brick walls must be primed with Fired Earth Nano-Tech Plaster Primer.

SURFACE PREPARATION

NEW SURFACES

Ensure surfaces are dry (15% moisture maximum), in sound condition, clean and free from any contaminants such as dust, dirt, rust, salt, algae and grease.

PREVIOUSLY PAINTED SURFACES

Thoroughly clean and prepare surfaces by removing all dirt, grease, grime, and flaking paint and restore to a sound strong surface before repainting.

APPLICATION

Roofs, roof screws, flashings, joints, walls, parapets & capping.

Apply Fired Earth Damp X Hydro Force Waterproofing thickly at a rate of approximately 2.5 litres per m².

For effective waterproofing properties, it is recommended that Fired Earth Damp X Hydro Force Waterproofing be overcoated using a quality exterior coating. Use with waterproofing membrane. Follow instructions for a trouble-free application and long-lasting durability:

Step 1 - Prime: Apply one coat of Fired Earth Damp X Hydro Force Waterproofing to areas if the prepared surface slightly wider than the membrane at a rate of 1.0 litres per m², subject to the surface profile.

Step 2 - Bedding: Thoroughly work the membrane firmly into the still wet Fired Earth Damp X Hydro Force Waterproofing to obtain maximum saturation from below, smooth out all air pockets and creases. Ensure a minimum of 50mm overlap on the adjoining lengths of the membrane.

Step 3 - Saturation: Immediately apply a coat of Fired Earth Damp X Hydro Force Waterproofing to complete the saturation of the membrane and overlaps at a rate of 1.0 litre per m².

Step 4 -When touch dry apply a final to coat of Fired Earth Damp X Hydro Force Waterproofing at a rate of 0.5 litre per m² Protect from rain until dry.

Recommended:

Fired Earth Extreme Roof for roof or the appropriate Fired Earth Wall Coatings for walls. Allow 4 hours drying time between coats.

SPREADING RATE:

This product system will cover approximately 2.5 litre / m² depending on the type of substrate and surface porosity. Spread rates are based on the product being applied to sound smooth plaster.

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NOTES:

If it rains between coats, allow at least 48 hours drying time @ 23°C to ensure thorough drying before applying any further coats. If there is any rain damage to the coating, apply two coats according to the application specification. The waterproofing system should be inspected after 3 years and a maintenance topcoat should be applied.

HEALTH & SAFETY

Keep paint away from children and animals. Never smoke, drink or eat while painting. Wear protective overalls, gloves and goggles. If accidental contact with skin should occur, wash immediately with clean water. Harmful if swallowed. Do not induce vomiting. Consult your doctor. Ensure good ventilation during application and drying. Store in a cool, dry place out of the sun.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.

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