



WATERPROOFING RANGE RUBBER COAT

Fired Earth Damp X Rubber Coat Waterproofing and topcoat, is a medium sheen high build flexible acrylic waterproofing and coating material resistant to extreme temperatures and extreme environmental conditions. The material is applied as a thick liquid paste forming a seamless, decorative, and flexible membrane that prevents water penetration and extends the life of the roof or structure.

FEATURES & BENEFITS

- Extremely tough and flexible
- Good resistance to abrasion, impact, and stone chipping
- Idea for less accessible locations, sharp & intricate contours
- Non-toxic & Environmentally friendly
- Mould & fungus resistant
- High UV resistance
- High solar reflectance on grey
- Increases productivity.
- High strength and elasticity
- Lead content, less than 90 ppm

USES

EXTERIOR

Suitable for new and redecoration work. Waterproofing system of properly prepared parapet walls, capping, flashings, flat roofs, joints, masonry walls. Primed substrates: galvanised steel, concrete, fibre cement, cementitious tiles, non-traffic flat areas and for intricate waterproofing tasks. **Fired Earth Damp X Rubber Coat** Waterproofing system also resists growth of mould & fungus. It is tough and flexible. It also waterproofs timber and building boards.

PRODUCT INFORMATION - PHYSICAL & TECHNICAL INFORMATION

PHYSICAL FORM:	Smooth viscous coloured fluid
COLOURS:	Range of standard colours
APPEARANCE:	Top layer - white or STD colours, Base layer - white or STD colours
FINISH:	Smooth low sheen
POLYMER TYPE:	Acrylic emulsion
FILLERS:	Fine, weather resistant types only
SOLIDS:	50±2%by Mass, 39±2% by Volume
S.G.	1.23±0.05kg/ℓ
PH	8.5 – 9.5
PIGMENTS:	Lightfast and alkali-resistant types only
DRYING PROPERTIES:	Surface or touch-dry: 2 hours
RECOATING TIME:	8 hours depending on conditions during drying
FLASH POINT:	Non-flammable (water-based product)
PACKAGING SIZES:	5ℓ & 20ℓ
THINNING:	No thinning required, product is supplied ready for use

Masstores (Pty) Ltd.

Registration No: 1991/006805/07

Address: 16 Peltier Dr, Sunninghill, Sandton, 2157

P.O Box: Private Bag x4, Sunninghill, 2157

E-mail: info@massmart.co.za

Web: www.builders.co.za

Tel: +27 (10) 594 8000

Fax: +27 (11) 797 0400

Exclusive to



CLEANING:	Equipment is readily cleaned using water provided the paint is still wet. Cured paint may be removed using lacquer thinners, commercially available brush cleaners or Paint Stripper
APPLICATION METHOD:	STANDARD APPLICATION PROCEDURE FOR HORIZONTAL SURFACES (Same procedure for vertical surfaces, except refer to film thickness spreading rate table applicable. Concrete, Fibre-cement, Galvanized Iron, Timber, Timber roofs, Asphalt, Malthoid, or Roofing Felt, Parapet Wall Capping, Flashings. Apply with a brush / roller / squeegee / airless spray

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

- It is important that for each new project the integrity and soundness of surface is inspected, that a sample test area be tested for adhesion ahead of time. It is advised to take in consideration the local weather conditions such as ambient temperature and air humidity during the application of the material and after the application until the material is dry to its full depth. Avoid freezing temperatures or excessive moisture on the material before it is dry to its full thickness (full cure).
- If it rains between coats of **Fired Earth Damp X Rubber Coat** Waterproofing, 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.
- Do not apply where ponding of water may occur.
- Not suitable for slurry, slate, or clay tiles.
- Repair and reinstate weak concrete and surface defects.
- Metal surfaces must be primed with water based Fired Earth Metal Primer.
- Masonry surfaces may be friable: treat suitably with water based Fired Earth Nano-Tech Bonding Liquid
- Raw brick walls must be primed with water based Fired Earth Nano-Tech Bonding Liquid.
- The waterproofing system should be inspected after 5 years and a maintenance topcoat should be applied if necessary.
- Allow curing for at least 14 days.

SURFACE PREPARATION

New Surfaces

Ensure surfaces are dry (10 % moisture maximum), in sound condition, clean and free from any contaminants such as dust, dirt, rust, salt, algae and grease. Remove all loose materials mechanically, with a wire brush, or by water or sand blasting, then thoroughly clean surfaces with Fired Earth Multi-Prep Surface Cleaner. Metal surfaces must be free of rust. Metal or galvanized surfaces must be primed with quality anti-corrosive metal primer or metal etch primer. (Prime metal fasteners (screw/nail heads) with metal primer). Cement, masonry, plaster, concrete, fibre cement, timber and building boards, apply one coat of solvent based FIRED EARTH Plaster Primer or water based FIRED EARTH Nano-Tech Plaster Primer . Concrete roofs and cementitious tiles apply undiluted one or more coats of water based FIRED EARTH Nano-Tech Bonding Liquid to achieve a sealed hazy finish for maximum overcoating adhesion.

Raw brick walls apply undiluted one or more coats of water based FIRED EARTH Nano-Tech Bonding Liquid, then apply one coat of solvent based FIRED EARTH Plaster Primer or water based FIRED EARTH Nano-Tech Plaster Primer.

Exclusive to



PREVIOUSLY PAINTED SURFACES

Ensure surfaces are dry (10 % moisture maximum), in sound condition and clean. Remove all loose materials mechanically, with a wire brush, or by water or sand blasting, then thoroughly clean and surfaces with **Fired Earth Multi-Prep Surface Cleaner free of** and free from any contaminants such as dust, dirt, rust, salt, algae and flaking paint. Restore to a sound strong surface before repainting.

Friable previously painted acrylic surfaces after cleaning, apply one or more coats until a restored sound surface is achieved, then apply one coat of water based FIRED EARTH Nano-Tech Bonding Liquid. Bare metal or galvanized surfaces must be primed with a quality anti-corrosive metal primer or metal etch primer. (Prime metal fasteners (screw/nail heads) with metal primer).

2. Joints & Cracks:

Embed Non-Woven polyester fabric (Geomembrane) into the first coat of Fired Earth Damp X Rubbercoat Waterproofing and saturate while still wet with a fresh coating. This increases the film strength over joints. Leave to dry for 6 hours then re-apply Fired Earth Damp X Rubbercoat Waterproofing as described above.

3. First Coat:

Apply undiluted water based FIRED EARTH Nano-Tech Bonding Liquid to the prepared surface. Ensure to apply a uniform wet film thickness of 100-125µm 8-10m²/l per coat. Allow drying for 1-1:30 hours, then apply second coat while tacky.

4. Second coat:

Apply second coat of Fired Earth Damp X Rubbercoat Waterproofing. Plan your area to be painted with the second coat, allowing 1-1:30 hours drying time after the first coat FIRED EARTH Nano-Tech Bonding @ 230 C.

Ensure to apply a uniform wet film thickness as tabled below SPREADING RATE / APPLICATION. Allow drying for at least 8 hours @ 230 C ambient temperature before continuing.

5. Waterproofing Topcoat:

Apply one coat Fired Earth Damp X Rubbercoat Waterproofing, ensure to apply a uniform wet film thickness as tabled below SPREADING RATE / APPLICATION. Allow drying for at least 8 hours @ 230 C ambient temperature before continuing.

Allow curing for at least 14 days.

SPECIFIC APPLICATION PROCEDURES

It is important that for each new project that the integrity and soundness of surface is inspected, that a sample test area be tested for adhesion ahead of time. It is advised to take into consideration the local weather conditions such as ambient temperature and air humidity during the application of the material and after the application until the material is cured to its full depth. Avoid freezing temperatures or excessive moisture on the material before it is cured to its full thickness.

TECHNICAL PROPERTIES:

DESCRIPTION	PROPERTY
Appearance	Top Layer: White or STD colour Base Layer: White or STD colour
Specific gravity	1.23±0.02 kg/l
Solid content	50±2%
Coverage	3.3-3.85 l/m ² (to achieve best waterproofing coat)
Dry film thickness	1.1-1.5 mm (to achieve best waterproofing coat)
Application temperature	+10°C to 35°C

Exclusive to



SPREADING RATE / APPLICATION

Approximate spreading rate per litre depending on surface porosity and profile.

WFT= (Wet film thickness), DFT = (Dry film thickness).

It is highly recommended to obtain and use a Wet Film Thickness Measuring Comb to measure and control the recommended wet film thickness as tabled below.

APPLICATION METHOD	PRODUCT INFORMATION	Waterproofing; Horizontal surfaces.	Weatherproofing; Vertical wall surfaces.
Airless spray	Spreading Rate	1.3 m ² - 1.5 m ² /l per coat.	1.9 m ² - 2.35 m ² /l per coat.
	Recommended DFT per coat	Min. 250 µm. Max. 300 µm	Min. 165 µm. Max. 205 µm
	Recommended WFT per coat	Min. 650 µm. Max. 750 µm	Min. 425 µm. Max. 525 µm
	Required coat to achieve recommended film thickness	2 coats or more required to achieve a minimum total DFT of 600 µm	2 coats or more required to achieve a minimum. total DFT of 400 µm
Roller (Use a high-quality Micro-Fibre synthetic long pile roller) or Paint Brush.	Spreading Rate	2.9 m ² - 3.9 m ² /l per coat	2.9 m ² - 3.9 m ² /l per coat.
	Recommended DFT per coat	Min. 100 µm. Max. 135 µm	Min. 100 µm. Max. 135 µm
	Recommended WFT per coat	Min. 250 µm. Max. 350 µm	Min. 250 µm. Max. 350 µm
	Required coat to achieve recommended film thickness	5-6 coats required to achieve a minimum total DFT of 600 µm (A smooth steel trowel may be used to achieve the film thickness in a 2 coat applications)	3-4 coats required to achieve a minimum. total DFT of 400 µm

Precautions

Roof Slopes:

Make sure that the slopes are such that they prevent water from ponding (Minimum slope of 2 - 4°). Make sure that the slopes are even along the roof.

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.

Exclusive to

