

TECHNICAL DATA SHEET**HOMESURE MASTERTOUCHE WATERLOCK EXPERT****Ultra Elastic Technology for Long-Lasting Wall Protection**

Homesure Mastertouch Waterlock Expert is a premium, next-generation waterproof coating powered by Ultra Elastic Technology. Specially engineered for exterior walls, it offers 10 years of assured waterproofing protection by combining crack-bridging elasticity, superior seepage resistance, and a unique cooling system with heat barrier. This advanced formulation ensures long-lasting durability, aesthetic retention, and protection under extreme climatic conditions.

Mastertouch Waterlock Expert can be used as a water proofing coating on building roof terraces parapet sunshades and vertical walls.

TECHNICAL DETAILS

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| Nature | White Viscous liquid |
| Composition | Acrylic emulsion, selected filler & additives |
| Specific Gravity at 27°C | 1.18 - 1.22 |
| Non-Volatile Content % | 46 - 50 |
| pH | 8 - 10 |
| Viscosity, KU | 120 - 135 |
| Water Permeability (Up to 10 bars Pressure) (DIN 1048 Part - 5) | Passes |
| Dry Adhesion Strength | > 1.5 MPa |
| Tensile Strength | 1.5 MPa ± 0.15 |
| Elongation % | > 800 |
| Water Vapour Permeability Test (ASTM D1653 – 13) | Up to 2 gm/m³/day |
| Surface Temperature Reduction (ASTM D 4803-2018) | Up to 8°C |
| SRI (%) | Up to 100 |
| Crack Bridging Ability (EN 1062-7) | 1.15 ± 0.12 |

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GUIDANCE FOR USE

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|----------------------------|---|
| Surface Preparation | <ul style="list-style-type: none"> • Prior to application of Mastertouch Waterlock Expert, all surfaces must be prepared properly to avoid failure • New masonry surfaces must be allowed to be cured completely. It is recommended to allow 28 days as the curing time for new masonry surfaces • Clean loose particles, dirt, grease, and traces of foreign materials from the surface, if necessary, by using wire brush/sandpaper or by chipping and the surface should be properly clean with water • Cracks up to 3mm must be filled with crack filler. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars |
| How to Use | <p>Horizontal Surface</p> <p>For self-priming dilute the material with 3:1 proportion (3 - part Mastertouch Waterlock Expert:1 - part water) & apply on the concrete surface. Allow 4 - 6 hours of drying after priming. Apply two coats of undiluted Mastertouch Waterlock Expert, maintaining a 4 - 6 hours interval between coats. Ensure the second coat is applied perpendicular to the first coat.</p> <p>Vertical Surface</p> <p>For Fresh Painting: First apply self-priming coat prepared with 3 - part Mastertouch Waterlock Expert: 1 - part water, then apply second coat of undiluted Mastertouch Waterlock Expert in a span of 4 - 6 hours.</p> <p>For Repainting: On previously painted surfaces apply single coat of undiluted Mastertouch Waterlock Expert.</p> <p>For Topcoat: As per desired shade apply two coats of exterior emulsion paint in a span of 4 - 6 hours.</p> |

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FEATURES AND BENEFITS

- Waterproofing strength – withstands up to 10 bars of positive hydrostatic pressure
- Crack bridging ability – capable of bridging cracks up to 1.5mm
- Ultra elastic technology – advanced elastomeric formulation maintains film integrity under thermal and structural stresses
- Exceptional elongation of up to 800%
- Seepage & dampness protection – forms a seamless, elastomeric membrane that blocks water ingress and prevents damp patches and efflorescence

COVERAGE

- For horizontal surface: 0.80 - 1.00 m²/ltr
- Vertical surface:
- For fresh painting: 1.90 - 2.40m²/ltr
- For repainting: 2.60 - 3.20 m²/ltr
- Note: Coverage depends on surface profile, texture, and porosity

PACKAGING

Mastertouch Waterlock Expert is supplied in 4, 10, and 20-liter pail.

SHELF LIFE & STORAGE INSTRUCTIONS

- 24 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from 10°C to 40°C
- Store in dry and well-ventilated place, away from heat source & direct sunlight

CLEANING

- Mastertouch Waterlock Expert can be removed from application tools and equipment by using clean water immediately after use
- Any hardened material can be removed mechanically

TECHNICAL DATA SHEET**HEALTH AND SAFETY INFORMATION**

- Refer MSDS for information and advice on the safe handling, storage, and disposal of chemical products
- Use rubber hand gloves & safety goggles, while using product
- Avoid contact with skin & eyes. Avoid swallowing. In case of contact with skin, wash with plenty of water
- Ensure adequate ventilation and avoid inhalation of vapor
- Keep out of children's reach

PRECAUTIONS

- Repair the hollow surface area before applying Mastertouch Waterlock Expert Coat
- For oily, existing failure coating surface, carry patch tests to check adhesion of product to substrate
- The forced coverage leads to long term performance hence it recommended to ensure coverage as per datasheet only
- Mastertouch Waterlock Expert must be applied between 10°C - 35°C
- Do not apply during rain or extreme temperatures
- For best results, apply coating on parapet to parapet to parapet to parapet to envelope the entire building
- Stir container well before use
- Applied directly from the container by brush or roller
- Provide effective barriers to carbonation
- Mercury, Lead, Chromium, Cadmium & Arsenic free
- On drying forms, a seamless protective and waterproof membrane

Disclaimer: Technical information is based on knowledge and experience of accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. Since site conditions during the applications are beyond the manufacturer's control, hence it is also the responsibility of the end-user to ensure that the content in their possession is the latest case.