# RUBBERROCK
## SUPERIOR ROOF WATERPROOFING

RubberRock T-200 ® is an environmentally safe dual component spray applied 'instant-set' protective coating specifically designed to provide heavy-duty waterproof protection for roofing restoration and new construction. When cured the product forms a seamless and fully adhered surface membrane. RubberRock T-200® strongly adheres to most roof substrates, providing waterproofing performance that is not affected by strong sunlight or airborne contaminants. It bonds extremely well with RubberRock T-200 ® to provide a colored surface that will not delaminate. Rubber Rock T-200® is cold applied, requiring no open flame or heaters. A dual component instant set system sprayed in conjunction with an inorganic salt solution, it sets instantly allowing contractors to walk and work on the surface with no stickiness or tracking.

RubberRock T-200® is an elastomer modified bitumen emulsion applied to restore the waterproof performance of tar & gravel roofing (BUR), rolled roofing membranes, corrugated steel roofing, plywood and asbestos panels and can be applied over polyurethane foam or polystyrene board insulation.

RubberRock T-200® is a water based, environmentally safe alternative to conventional hot applied bitumen or solvent based protective coatings. It is easier to use than rolled roofing membranes and provides excellent waterproofing and chemical resistance through a highly flexible seamless membrane that resists cracking and aging. RubberRock T-200® is unaffected by acid rain or high intensity sunlight and is resistant to many airborne chemical pollutants found in industrial areas.

• FREE OF FLAMMABLE SOLVENTS • NON-TOXIC • NO VOC'S • LOW ODOUR & WATER BASED

| PHYSICAL PROPERTIES (Liquid) | |
|---|---|
| **PROPERTY** | **TYPICAL RESULTS** |
| Colour | Brown to black |
| Specific gravity (liquid) g/cm³ | Approx. 1.0 |
| Odour | None |
| Volatile Organic Compound | Contains no solvents |
| % solids (wt) | 60 - 63% |
| Viscosity (sec) | 20 - 25 |
| pH | 10 - 12 |

| PERFORMANCE DATA (Cured membrane) | |
|---|---|
| **PROPERTY** | **TYPICAL RESULTS** |
| Colour | Black |
| Specific gravity, g/cm³ | Approx. 1.0 |
| Chemical resistance | Resists salt water and most inorganic solutions |
| Biological resistance ASTM E154, ASTM D412 | Passed |
| Impact Resistance CGSB 37-GP-56 @ 23°C | Passed (168) |
| Water tightness after impact | Passed (no leakage) |
| Accelerated Weathering (Xenon arc) | No deterioration of the film, |
| ASTM G 155, 250 hrs | >90% retention of original tensile strength |
| Tensile Strength ASTM D 412, kPa (psi) | >830 (>120) |
| Elongation, % | >850% |
| Recovery ASTM D412, % | 90% |
| Hardness, Durometer 00 | 85 |
| Hardness, Shore A | 20 |
| Hardness, Shore D | 4 |
| Adhesion to concrete DeFelsco, kPa (psi) | >1240 (>180) |
| Adhesion to concrete ASTM C836, N/m (lb/in) | 303 (17) |
| Puncture resistance CGSB 37-GP-56 | Passed (no punctures) |
| Sag flow | None |
| Blistering ASTM D 714, 1000 hrs exposure | None |
| Abrasion resistance ASTM F 1677 | Good - very good |
| Water vapor permeance ASTM E 96, ng/Pa.s.m² (gr/h-ft²) | 4.99 (0.25) |
| Permeability ASTM E 96, ng/m/Pa/s | 0.071 |
| Air permeance ASTM E 2178, L/s.m² | 0.0004 |
| Permeability methane ASTM D1434-82, cm²/sec/atm | 1.88 x 10-8 |
| Thermal resistance ASTM C518-04 (2.66/ply) | 0.028 |
| UL fire ratings (ballasted) | Class A |

## APPLICATION

Applied as part of a dual component system using a specially designed air-less spray system, both components of this system are water based and environmentally safe.

RubberRock T-200® should be applied to a dry surface, free of dirt, debris, oil or grease and should not be applied when the ambient temperature is below 5°C, or rain is expected within 24 hrs of application. A 'flood coat' of RubberRock T-200 ® , without the inorganic salt solution is applied prior to the instant set spray application if greater surface penetration is required for old BUR roof systems.

The product is applied between 0.4-0.7 m²/litre, depending on the required membrane thickness. RubberRock T-200 ® will dry to the touch in one minute and is largely cured within 48 hrs. Typically an applicator crew can apply 500 – 750 m² of membrane per day.

## LIMITATIONS

Do not apply to wet or frozen surfaces or directly prior to rain. Some surface base coat materials such as coal tar are unsuitable for use with RubberRock T-200 ®. Please consult technical service with any questions.

## CAUTION

For industrial use only. Keep out of reach of children. Avoid storage below 5°C. Please consult the Material Safety Data Sheet before using RubberRock T-200®.

RubberRock T-200® is mildly alkaline. When applying this product observe normal safety precautions, wear gloves, eye protection and other suitable protective equipment. For further information please consult the product MSDS.

## TECHNICAL SERVICE
1.888. 238.6345 | 905.856.0133

| COVERAGE | | | | |
|---|---|---|---|---|
| **Cured Membrane** | | **Coverage** | | |
| Mils | mm | ft²/gal | ft²/litre | m²/litre |
| 40 | 1.00 | 30 | 7.93 | 0.74 |
| 80 | 2.00 | 15 | 3.96 | 0.37 |
| 120 | 3.00 | 10 | 2.64 | 0.24 |

DuROCK

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