An AMAZING Elastomeric Membrane Coating

NON TOXIC - ENVIRONMENTALLY FRIENDLY

1000% Elongation + 95% Recovery
CERTIFICATIONS

- QBCC Waterproofing Licence No. 1242527
- Member of the Master Builders Association
- $20 Million Public Liability Insurance Cover
- CSRM100 Confined Space Entry Certified
- MNMG237A Work Safely at Heights Certified
- AS/NZS 4020:2500 Potable Water Certified
- All Work Guaranteed
RTT Sealant is an elastomeric coating engineered to provide exceptional adhesion, elasticity and protective properties. Combined with RTT Top Coat, it produces the ultimate dual layer UV protective, heat reflective, power saving, seamless waterproof membrane.

Spray, Liquid Pour or brush / roller applied at outside temperature, no heat source or flame required!

Cures into the ultimate seamless membrane for:
- Waterproofing ability
- Complete containment
- Corrosion resistance
- UV protection
- Chemical resistance
- Heat reflection

Seals and protects
- Roofs
- Expansion joints
- Parking areas
- Tanks
- Dams/Ponds
- Water features
- Planter boxes
- Gutters
- Retaining walls
- Concrete cracks
Superior Performing Membrane
- Bonds to most construction materials
- Dual layer membrane protects your roof against:
  - Corrosion
  - Water damage
  - Chemical attack
  - UV and heat transfer
- Elongates 1000% with 95% recovery
- Withstands thermal cycling
- Puncture resistant
- Power saving

Significant installation cost savings
- Minimal surface preparation required
- More cost effective than replacing your roof
- No business shutdown
- Easily transportable – mobile application units

Environmentally friendly and safe
- VOC (Volatile Organic Compound) free
- Water soluble
- Non toxic

www.rttsealant.com
CORRUGATED TIN ROOF

SCENARIO:
- Residential unit block near ocean with corrugated tin roof
- Over 20 years old

PROBLEM:
- Roof decaying over time and exposure
- Leaking into residents units

SOLUTION:
- RTT Sealant sprayed on
  - Provides water and air barrier
  - Stops leaks
  - Extends life of roofing materials

www.rttsealant.com
FIELD APPLICATION CASES
SHOPPING CENTRE ROOF: 8000M2+

CORRUGATED KLIP-LOK™ TIN ROOFING
ROOF COATING

SCENARIO:
- Large Coles shopping centre with corrugated Klip-Lok™ tin roof

PROBLEM:
- Areas above shops roof leaking
- Hazards to customers and staff
  - Expensive to replace roof + shop closure loss of business

SOLUTION:
- RTT Sealant sprayed on + Top coat
  - Complete sealing and protection of roof, rain headers & air con ducts
  - No more leaks
  - Extends life of roof materials
  - Shops remain open during work

www.rttsealant.com
1. RTT Sealant applied to joins and corners

2. RTT Sealant applied to entire area

3. RTT Top Coat applied to RTT Sealant

www.rttsealant.com
SCENARIO:
- Large shopping centre with galvanized steel cooling towers

PROBLEM:
- Areas below tower leaking into shops
- Hazardous and damaging stock
- Corroding beams and sheeting
- Expensive to replace tower and roof + shutdown air con in summer

SOLUTION:
- RTT Sealant sprayed on + Top coat
  - Complete sealing and protection of galvanized steel tower
  - No more leaks
  - Extends life of tower and roof
  - Uninterrupted shop cooling

Leaking and corroded areas requiring sealing

RTT Sealant + Top coat applied to area to prevent corrosion and stop leaks
1. RTT Sealant applied to joins and corners

2. RTT Sealant applied to entire area

3. RTT Top Coat applied to RTT Sealant
SCENARIO:
- Large supermarket chain requires roof leaks fixed and insulation to reduce power costs

PROBLEM:
- Expensive to install internally
- Shop shutdown during install
- Requires a long timeframe

SOLUTION:
- RTT Sealant sprayed on + Solar Top Coat
  - Complete sealing and protection of tin roof
  - No more leaks
  - Surface temperature reduced by 25%
  - Power saved!

RTT Sealant + Solar Top Coat applied to entire roof to reduce heat
RTT Sealant were provided with the energy consumption data from January 2012 to February 2014. The calculations below indicate the reduction in energy consumption as a result of the application of the waterproofing membrane and solar top coat to the roof areas.

**kWh Consumption**

**December 2012:**
146.57kWh

**December 2013:**
124.86kWh

Representing a **14.2%** reduction in power usage

**January 2013:**
155.63kWh

**January 2014:**
136.11kWh

Representing a **12.5%** reduction in power usage
1. RTT Sealant applied to joins and bolt heads

2. RTT Sealant applied to entire area

3. Solar Top Coat applied to RTT Sealant
COMMERCIAL ROOFING

Department of Education QLD Roof Project
Partial roof replacement and application of RTT Sealant Ultimate Dual Layer Solar Reflective Waterproof Membrane (including removal of walkways, preparation and priming)

Area: Brisbane QLD
Size: 2,000+ m²
Ozcare South Brisbane Roof Project
RTT Sealant Ultimate Dual Layer UV Protective
Heat Reflective Waterproof Membrane
Area: Brisbane QLD
Size: 2,500+ m²
Facility remained fully operational during work!
SCENARIO:
- Large shopping centre with corrugated Klip-Lok™ tin roof and steel box gutters

PROBLEM:
- Box gutters above shop roof leaking
- Rust and still water corroding steel
  - Expensive to replace

SOLUTION:
- RTT Sealant brushed and rolled on
  - Complete sealing and protection of gutter
  - No more leaks
  - Extends life of guttering
1. RTT Sealant applied to joins and corners

2. RTT Sealant applied to entire area

3. Coloured top coat applied to RTT Sealant
1. RTT Sealant applied to joins and corners

2. RTT Sealant applied to entire area

3. Coloured top coat applied to RTT Sealant
BEFORE AND AFTER PHOTOS

1300 MEMBRANE | rttsealant.com

www.rttsealant.com
RTT SEALANT
ULTIMATE SEAMLESS WATERPROOF MEMBRANE
SAVE WATER
STOP LEAKS
1300 MEMBRANE | rttsealant.com

MULTIPLE USES

ROOFING

PONDS & DAMS

MINING

EXPANSION JOINTS

CONSTRUCTION

LIQUID CONTAINMENT

www.rttsealant.com
SCENARIO:
- Large shopping centre in QLD with underground car parking areas leaking water down levels

PROBLEM:
- Cracked existing joint sealant
- Water dripping through onto cars and lower levels

SOLUTION:
- RTT Sealant Liquid Pour system
  - Quick and easy 1 pour system
  - Complete sealing and protection of joint
  - No more leaks
  - Expands/contracts with concrete

Existing joint sealant to be removed

RTT Sealant poured in to seal and close joint
1. Existing seal to be removed

2. Expansion joint masked and cleaned

3. RTT Sealant poured into empty joint
**SUMMARY**

- **Description of RTT Sealant + Top Coat System**
  - Dual Layer seamless environmentally friendly membrane
  - Safe and non toxic
  - Elongates 1000% with 95% recovery
  - Power Saving
  - Applied in many different ways (versatile)

- **Customer Benefits**
  - Chemically resistant, long lasting, air tight, cost effective, UV protective, heat reflective
  - Coloured Top Coats available

- **Multiple Uses**
  - Liquid Containment, Mining, Tanks, Foundation Protection, Expansion Joints, Roofing, Ponds, Dams, Construction, Retaining Walls and Corrosion Protection

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