



RTT SEALANT SAVE WATER
ULTIMATE SEAMLESS WATERPROOF MEMBRANE STOP LEAKS

1300 MEMBRANE | rttsealant.com

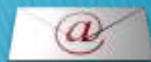
**An AMAZING Elastomeric
Membrane Coating**

NON TOXIC – ENVIRONMENTALLY FRIENDLY



1000% Elongation + 95% Recovery

www.rttsealant.com





RTT SEALANT

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SAVE WATER

STOP LEAKS

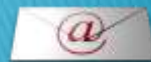
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CERTIFICATIONS

- ▶ 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



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PRODUCT DESCRIPTION

- ▶ **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
 - Corrosion resistance
 - Chemical resistance
 - Complete containment
 - UV protection
 - Heat reflection
- ▶ **Seals and protects**
 - Roofs
 - Expansion joints
 - Parking areas
 - Tanks
 - Dams/Ponds
 - Water features
 - Planter boxes
 - Gutters
 - Retaining walls
 - Concrete cracks

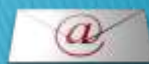


RTT Sealant brush/roller applied



RTT Sealant + Top Coat spray applied

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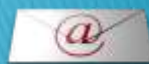
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PERFORMANCE BENEFITS

- ▶ **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



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CORRUGATED TIN ROOF

SCENARIO:

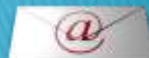
- ▶ Residential unit block near ocean with corrugated tin roof
- ▶ Over 20 years old

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





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FIELD APPLICATION CASES
SHOPPING CENTRE ROOF: 8000M2+



CORRUGATED KLIP-LOK™ TIN ROOFING

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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

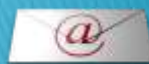


Leaking areas requiring sealing



RTT Sealant + Top coat applied to roof to prevent corrosion

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BEFORE AND AFTER PHOTOS



1. RTT Sealant applied to joints and corners

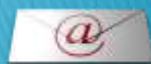


2. RTT Sealant applied to entire area

3. RTT Top Coat applied to RTT Sealant



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COOLING TOWERS

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:

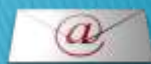
- ▶ RTT Sealant sprayed on + Top coat
 - Complete sealing and protection of galvanized steel tower
 - No more leaks
 - Extends life of tower and roof
 - Uninterrupted shop cooling

Leaking and corroded areas requiring sealing



RTT Sealant + Top coat applied to area to prevent corrosion and stop leaks

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BEFORE AND AFTER PHOTOS

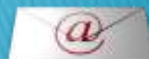
1. RTT Sealant applied to joins and corners



2. RTT Sealant applied to entire area



3. RTT Top Coat applied to RTT Sealant





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SOLAR TOP COAT

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

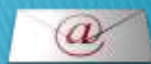
SOLUTION:

- ▶ 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

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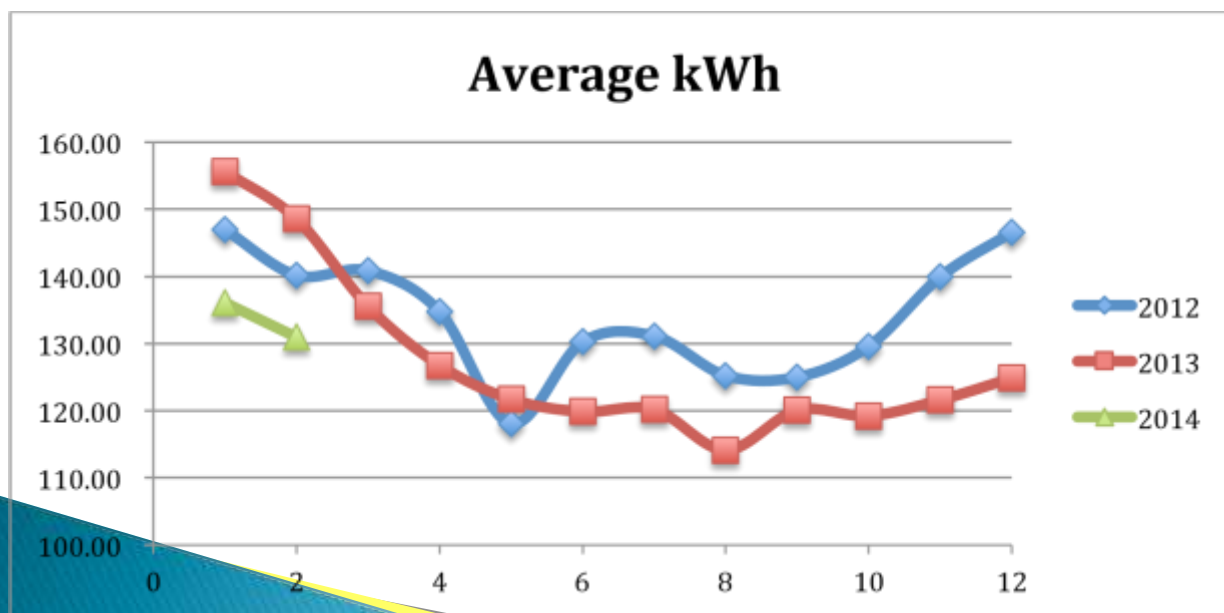
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SOLAR TOP COAT PERFORMANCE DATA

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

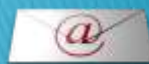
December 2013:
124.86kWh

Representing a 14.2%
reduction in power usage

January 2013:
155.63kWh

January 2014:
136.11kWh

Representing a 12.5%
reduction in power usage





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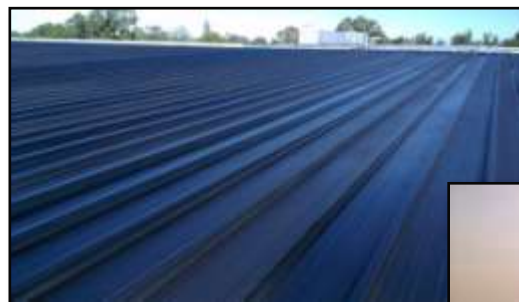
BEFORE AND AFTER PHOTOS



1. RTT Sealant applied to joints and bolt heads

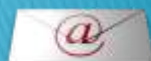


2. RTT Sealant applied to entire area



3. Solar Top Coat applied to RTT Sealant

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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

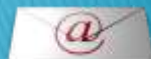


BEFORE



AFTER

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COMMERCIAL ROOFING

Ozcare

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!

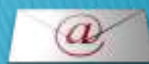


RTT SEALANT



TOP COAT

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BOX GUTTERING

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:

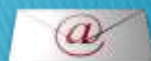
- ▶ RTT Sealant brushed and rolled on
 - Complete sealing and protection of gutter
 - No more leaks
 - Extends life of guttering



Rusted box gutter
corroding and leaking



RTT Sealant applied to entire
gutter to prevent corrosion

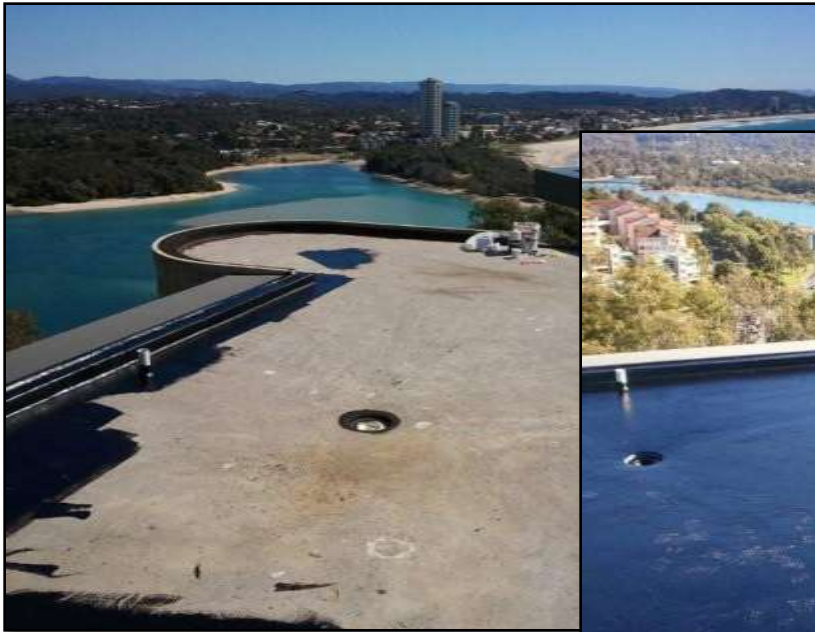




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BEFORE AND AFTER PHOTOS



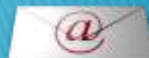
1. RTT Sealant applied to joins and corners



2. RTT Sealant applied to entire area



3. Coloured top coat applied to RTT Sealant





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BEFORE AND AFTER PHOTOS



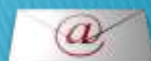
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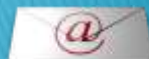
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BEFORE AND AFTER PHOTOS



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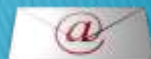
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MULTIPLE USES



ROOFING



PONDS & DAMS



MINING



EXPANSION JOINTS

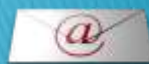


CONSTRUCTION



LIQUID CONTAINMENT

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EXPANSION JOINTS: CARPARKS

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:

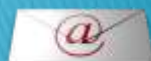
- ▶ RTT Sealant Liquid Pour system
 - Quick and easy 1 pour system
 - Complete sealing and protection of joint
 - No more leaks
 - Expands/contracts with concrete



Existing joint sealant
to be removed



RTT Sealant poured in
to seal and close joint





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BEFORE AND AFTER PHOTOS



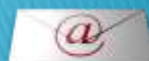
1. Existing seal to be removed



2. Expansion joint masked and cleaned



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3. RTT Sealant poured into empty joint



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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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