



SHIELDCOAT PTY LTD  
Unit 2/1075 Beaudesert Rd, Archerfield Q 4108  
Phone: (07) 3274 6911 Fax: (07) 3274 6414  
Email: info@shieldcoat.com.au Web: www.shieldcoat.com.au

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Application Methods: **THERMOBOND HRC**  
Heat Reflectant Coating

**NOTE:** For applications where roof to be painted is used for collecting drinking water, ensure at least seven (7) days or the first rain before reconnecting downpipes.

 **STEPS:** Metal roofs and walls if required

- Clean roof, gutters and walls with water blaster.
- Screw down and replace badly rusted sheets where necessary.
- Wire brush flaking or peeling paint if any.
- Rustseal** badly rusted areas and allow 24 hours to dry.
- Spray one coat of **Rustshield T** Anti-Corrosive Metal Primer and allow to dry overnight.
- If roof is previously painted check for and wire brush any paint that rose after primer coat.
- Liberally apply 2 coats of **Thermobond HRC**.

 **STEPS:** Zincalume and Colorbond metal roofs, and walls if required

- Clean roof, gutters and walls with water blaster.
- Screw down sheets where necessary.
- Apply one coat of **Shieldseal W Plus**.
- Liberally apply 2 coats of **Thermobond HRC**.

 **STEPS:** Fibro roofs

- Disconnect all storm water pipes from gutters.
- Lightly broom off leaves and debris.  
(Caution: By law Fibro roofs cannot be water blasted or cleaned excessively.)
- Using a back pack spray apply a film of **Mouldshield C**. Leave to allow activation, preferably overnight. Hose off and allow to dry.  
Apply one coat of **Shieldseal W Plus** (Water Based). Allow a minimum of 2-5 hours drying time for **Shieldseal W Plus**. Apply one coat of **Fillabond** and allow to dry.
- Liberally apply 2 coats of **Thermobond HRC**
- Reconnect storm water pipes to gutters.

 **STEPS:** Concrete and Terracotta Tile Roofs

- Clean roof and gutters with water blaster.
- Repoint and rebed if necessary.
- Change broken tiles and remove any cement.
- If rusted, prime valleys with **Rustseal** or **Rustshield T** the day before.
- Spray one coat of **Shieldseal W** to the surface.
- Liberally apply 2 coats of **Thermobond HRC**.

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Shieldcoat is firmly committed to providing product and service of the highest quality and consistency.

Last modified on: 31/12/02

**DISCLAIMER**

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.



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 **STEPS:** Decramastic

- Clean roof and gutters with water blaster at low pressure.
- Remove all dents and repair defective tile sheets.
- Apply a film of **Mouldshield C** fungicide and allow to work overnight. Hose off and allow to dry.
- Prime any rust patches with **Rustshield** anti-corrosive metal primer.
- Spray one coat of **Shieldseal W** sealer to surface.
- Spray a base coat of **Thermobond HRC** to surface and front of tiles.
- Cast **Shieldpebbles** over bald patches whilst base coat is still wet.
- Spray a final coat of **Thermobond HRC** to obtain an even coating.

 **STEPS:** Other surfaces such as masonry, brick, concrete and timber

- Clean surfaces with water blaster.
- Apply one coat of **Shieldseal W** (Water Based) or **Shieldseal W Plus** (Water Based).
- Liberally apply two coats of **Thermobond HRC**

 **STEPS:** Metal shipping containers

- Clean roof & walls with water blaster.
- Wire brush loose rust, and flaking or peeling paint if any.
- Rustseal** badly rusted areas and allow 24 hours to dry.
- Spray one coat of **Rustshield T** Anti-Corrosive Metal Primer and allow to dry overnight.
- Liberally apply 2 coats of **Thermobond HRC** and allow to dry between coats.

 **STEPS:** Caravan roofs

- Clean roof with water blaster or truck wash with water. (remove all truck wash)
- Remove silicone sealer excess and apply a suitable acrylic gap sealant over areas where silicone was previously applied .
- Spray, brush or roll one coat of **Shieldseal W Plus** over roof allow to dry.
- Liberally apply 2 to 3 coats of **Thermobond HRC** and allow to dry between coats.

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**NOTES:**



It is recommended that the cleaning and preparation of the roof be done on the first day and if possible the application of **Shieldseal**. The two coats of **Thermobond HRC** should be applied the next day.



Wet film thickness per coat should achieve at least 160-180 microns and final dry film thickness per coat should be 80-90 Microns.



A 517 tip is recommended for all **Shieldcoat sealers**. A 521 tip is recommended for **Thermobond HRC**.



Approximate coverage per 15 Lt depending on porosity, texture and condition of the surface as well as application:

**Shieldseal W:** 90-105 sq. m

**Shieldseal W Plus:** 90-105 sq. m

**Rustshield T (20Lt):** 120 – 140 sq. m

**Thermobond HRC:** 45-60 sq. m



Do not apply if temperature is below 10°C or if rain is imminent.

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