



Product Information Sheet



Sheet Number: **0080**
Rev 05-05-10



THERMOBOND HRC

Water Based Acrylic Heat Reflective Roof Paint
Safe for water collection for drinking after 7 days

Thermobond HRC

Thermobond HRC is an acrylic roof paint deigned to coat or recoat all roof substrates and reflect heat build up in roof cavities. Tested at 88% reflective (visible light heat) and 88% emissive (invisible infra red) Making our living spaces more comfortable and saving on air-conditioning costs. Thermobond HRC comes in white and pastel colours only and is applied by airless spray using a 521 tip size. This product is warranted for 10 years against peeling or cracking.

General Application Guide:

Disconnect downpipes and reconnect 7 days after job completion if collecting water for drinking. Apply one coat of sealer after cleaning then apply 2 coats of Thermobond HRC using a 521 airless tip.

Substrate Application Information:

Fibre Cement:

- Apply Mouldshield C cleaner diluted 5:1 with water
- Soft broom and hose off. Do not water blast.
- Apply 1 coat of Shieldseal W Plus with 517 airless tip
- Apply 2 coats of Thermobond HRC with 521 airless tip.

Concrete Tile:

- Water blast roof with at least 3000 p.s.i.
- Apply one coat of Shieldseal W with 517 airless tip
- Apply 2 coats of Thermobond HRC with 521 airless tip

Zinc Metal:

- Water blast roof with at least 3000 p.s.i.
- Apply one coat of Shieldseal W plus with 517 airless tip
- Apply 2 coats of Thermobond HRC with 521 airless tip

Factory Painted Metal:

- Water blast roof with at least 3000 p.s.i.
- Apply one coat of Shieldseal W plus with 517 airless tip
- Apply 2 coats of Thermobond HRC with 521 airless tip

Rusty Galvanized Metal:

- Clean loose rust wit a wire brush
- Water blast roof with at least 3000 p.s.i.
- Apply one coat of Rustshield W with 517 airless tip
- Apply 2 coats of Thermobond HRC with 521 airless tip
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Note: it is optional to use Rustshield T- anti corrosive sealer where Rustshield W is used. Rustsheild T is solvent based and requires 24 hrs drying between application of top coat



Specifications:

(all dry times are considered at 25° C and at 50% humidity)

Thermobond HRC:

Surface Dry: 4 -5 hours

Top Coat: 12 hours

Hard Dry: 4 -5 days

Wet Film Thickness: Approx. 240 microns

Dry Film Thickness: Approx. 120 microns

Thinning: No thinning required normally. If desired thin with water sparingly.



Top Picture: Thermobond HRC on a Galvanized Metal Roof

Bottom Picture: Spraying Thermobond HRC onto a poly pipeline to keep water cool in pipe.

See MSDS for safety information

Features:

Satin Gloss Hard Finish



White or Pastels



Flexible



Easy To Apply



Durable



Pre Mixed



Thermobond reduces heat build up in roof cavity



Benefits:

Low Dirt Pick Up Easy To Clean



Best Heat Reflection



Allows for some substrate move-



Can be Airless Sprayed



10 year warranty



Excellent film build



Reduces energy costs



Shieldcoat has become one of the first paint manufacturer in Australia to meet the international environmental standard, ISO 14001