



Product Information Sheet



Sheet Number: **0080**

Rev 22-11-06

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 designed to coat or recoat all roof substrates and reflect heat build up in roof cavities. 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 with 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

Note: it is optional to use Rustshield T where Rustshield W is used. Rustshield T is solvent based and requires 24 hrs drying.



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.

Clean Up: Clean up with water



Top Picture: Thermobond HRC on a Galvanized Metal Roof

Bottom Picture: Spraying Thermobond HRC onto a poly pipeline to keep water cool in pipe. Thermobond HRC comes in 15 litre pails.

See MSDS for safety information

Features:

Satin Gloss Hard Finish



White or Pastels



Flexible



Easy To Apply



Durable



Pre Mixed



Available in Thermobond Heat Reflective Version



Benefits:

Low Dirt Pick Up Easy To Clean



Best Heat Reflection



Allows for some substrate move-



Airless Sprayed



Warranted for 10 years



Stirring only required



Thermobond Reduces cavity temp-



Notes: There are many substrates on the market. Please consult Shieldcoast for further information regarding applications not on this sheet.