

The Sunbond logo features the word "Sunbond" in a blue sans-serif font, with the "S" in orange. The logo is set within a white rectangular box with a blue border, and is partially overlaid by a large orange oval.The Sunbond logo features the word "Sunbond" in a blue sans-serif font, with the "S" in orange. The logo is set within a white rectangular box with a blue border, and is partially overlaid by a large orange oval.The Sunbond logo features the word "Sunbond" in a blue sans-serif font, with the "S" in orange. The logo is set within a white rectangular box with a blue border, and is partially overlaid by a large orange oval.

## PRODUCT DATA SHEET

11001

PRODUCT:

SUNBOND - HEAT SHIELD 10

Code: H10

### DESCRIPTION

HEAT SHIELD 10 is a high build heat reflective roof coating specifically formulated to minimise roof temperatures by reflecting solar heat.

HEAT SHIELD 10 incorporating micro void cells keeps it cooler inside by repelling the sun's radiation and controlling heat entering through the roof. This tough flexible dirt resistant coating is an extended durability product designed to give long life protection to all types of roofs.

Developed and manufactured in Australia to meet harsh Australian conditions HEAT SHIELD 10 can reduce the surface temperature of traditional red, brown, or green roofs by as much as 20 degrees Celsius in the summer heat.

**INTENDED USES** As a high build durable heat reflective coating for domestic and commercial roofs. In air conditioned buildings a saving in energy costs is often available.

Recommended for use on all types of correctly prepared roofs including cement and terracotta tile, fibrous cement, galvanised iron, and as a waterproofing membrane for concrete roofed buildings. HEAT SHIELD 10 may be applied over sound previously painted roofs.

### Refer SURFACE PREPARATION and PRIMER COATS

#### PROPERTIES

Gloss	Conforms to AS 2311 - Semi Gloss
Exterior durability	Excellent
Colour availability	White and specific colours only
Washability	Excellent
Coverage	1 to 1.2 square metres per litre
Number of Coats	2 coats recommended
Recoat time	16 hours in normal conditions
Clean Up	Water

**PRODUCT DATA SHEET: HEAT SHIELD 10****SURFACE PREPARATION**

Remove all dust, dirt, oil, grease, and other contaminants. Repoint and repair roof as specified. Thoroughly clean and treat according to the standard work practice.

**Painted Roofs**

Remove all unsound and flaking paint with scraping and sanding. Remove all chalk, dust, oil, grease and other contaminants. Repoint and repair roof as specified. Thoroughly clean and treat according to the standard work practice. Spot prime all bare surface.

Bare surface must be primed with the recommended primer before application of HEAT SHIELD 10.

Refer: Suggested Work Procedures for further information and for surfaces not described in this Data Sheet.

**PRIMING COATS**

<u>Surface</u>	<u>Recommended Primers</u>
Cement Tile	Glaze Primer/Sealer
Galvanised Iron Aluminium	Gal Iron Primer
Fibrous Cement	Fibro Seal
Concrete	Solvent Sealer
Previously Painted	Spot prime bare surface areas as above.

HEAT SHIELD 10 may be applied directly to correctly prepared previous paint in sound condition.

**APPLICATION** TWO full coats recommended

Apply liberally using airless spray or roller.

Keep rollers working freely by occasionally washing in clean water.

Ensure adequate ventilation during use.

**OTHER INFORMATION** Stir in a circular lifting motion using a flat paddle. In hot windy conditions the first coat may be thinned with 3% water to assist application. Do not apply at surface temperatures below 10 degrees Celsius. Cease application if surface touch dry time exceeds 40 minutes. Do not begin application if rain or moisture condensation is imminent. Finish application by 3pm if overnight dew is expected.