

## General application guide



### Mixing

Before applying Seal Thermal-Shield product the coating has to be mixed well with a paddle to ensure the non-chemical components are well dispersed. Seal Thermal-Shield product can be diluted with a maximum of 5% sweet water. Do not use any mechanical device exceeding 200RPM.



### Equipment

Roller or airless (Diaphragm pump) spray gun.



### Surface preparation

The substrate should be power washed, cleaned and dry and any dirt, oil, greases should be completely removed before applying any Seal Thermal-Shield Product. Seal Thermal-Shield product should not be applied if rain is imminent within 24 hours.



### Shelf life

Two years from production date. Store at room temperatures.

### Drying times

The given below data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, and humidity.

Surface Temp.	10 °C	25 °C	40 °C
Surface (touch) dry	3h	1h	0.4h
Hard dry	10h	6h	3h
Dry for 2nd coat	4h	2h	1h

## Recommended equipment

- 1 x Airless Spray Gun (Diaphragm pump)
- 1 x Water pressure cleaner (3000 psi minimum)
- 2 x 15 meter 3/8 airless hose
- 1 x 7.5¼ airless hose
- 1 x High pressure filter
- 1 x suction system (hopper is better)
- 1 x 523 / 423 spray tip
- 1 x 511 spray tip (application of primer)
- Plastic sheeting (for coverage where required area)
- Broom or preferably mechanical blower.

## Spraying tips

- If spraying has stopped for a while, always place a wet rag over the top of the bucket to prevent the product from skinning over.
- Make sure that there are no cars or equipment that could be subject to overspray or drift.
- DO NOT spray when it is windy because (a) you will get too much drift; (b) you will use twice as much product; and (c) to obtain coverage you will find your application is greater than 250 microns per coat.
- When measuring the surface area it is important that you factor in the various profiles to give you the extended length, which is your true surface area.

## Theoretical spread rate

Type	Thickness	Spread Rate
Roof application	500 microns WFT	2 m <sup>2</sup> / L
Exterior application	400 microns WFT	3 m <sup>2</sup> / L
Interior application	250 microns WFT	4 m <sup>2</sup> / L



For more information please see or download product and safety data sheet from [www.seal-coatings.com](http://www.seal-coatings.com)