



THERMOGLAZE

PRODUCT DESCRIPTION

Thermoglaze is a thermal insulating system. When applied at 200 microns dry film thickness, Thermoglaze forms a flexible acrylic membrane which reflects solar radiation, thereby reducing metal roof temperature by up to 20°C. Thermoglaze contains microscopic ceramic spheres which assist in the coating's ability to reflect solar radiation.

PRODUCT FEATURES

- Environmentally friendly
- Flexible
- Exhibits waterproofing & perfection properties
- Excellent adhesion to almost any substrate
- Good hiding power
- Non flammable, non toxic

TECHNICAL INFORMATION

Colour:	White
Appearance:	Semi sheen finish
Generic type:	Pure acrylic
Total solids:	50 – 55%
Recommended DFT:	200 microns
S.G.:	±1.25
Viscosity:	108 – 112Ku
Spreading rate:	3m ² /litre per coat (based on recommended DFT)
Solvent:	Water
Washability:	25 000 scrubs (SABS method 633)
Artificial weathering:	1 000 hours minimum
Opacity:	Contrast ratio 0.980 (@ 100 microns wet film)
Mix ratio:	Single pack ready for use

SURFACE PREPARATION

All surfaces must be clean, free of oil, grease, dirt & old flaking paint. Should the substrate be powdery & weak, it is recommended to remove as much as possible of the loose powdery surface & then seal with at least 1 coat of O' Grady's Bonding Liquid or Acrylic Sealer. Allow to dry for 12 hours at 25°C prior to painting with Thermoglaze.

APPLICATION

Stir contents thoroughly, use as supplied.

- 1st coat: Dilute 1st coat by adding 20% Acrylic Sealer.
- 2nd coat: Do not dilute 2nd coat. DFT of minimum 200 microns is required for the 2 finished coats.

Airless spray: Nozzle pressure: 210 – 250 bar
Nozzle orifice: 0.025"

Conventional spray:	Not recommended
Brush and Roller:	Suitable as supplied
Clean up:	Do not allow to dry on or in equipment, wash immediately with water

ENVIRONMENT

Do not leave container open, as a skin quickly forms on the surface of the paint. It is recommended that application be confined to the following:

Surface temperature: Min. 15°C Max. 40°C
Ambient temperature: Min. 15°C Max. 40°C
Relative humidity: Min.0% Max.75%
Or at least 3°C above Dew point

DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
15°C	2 hours, 30 min	18 hours
20°C	1 hour, 15 min	12 hours
25°C	45 minutes	8 hours

OVERCOATING TIMES

15°C: 24 hours
20°C: 16 hours
25°C: 12 hours

LIMITATIONS

At no time should Thermoglaze be applied outdoors in inclement weather, or before 9am & after 2pm in winter.

SAFETY PRECAUTIONS

No known problems resulting from contact with skin, however, remove as soon as possible with soap and water. Avoid ingestion and contact with eyes. If ingested seek Medical attention. Do not induce vomiting. If paint contact is made with eyes, rinse eyes well with water & seek medical attention. Do not smoke when painting. Ensure good ventilation during painting and drying.

KEEPOUTOFREACHOFCHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.
It is not to be considered a guarantee of the products properties.

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