



# Technical Data Sheet

## Blackfriar Professional Solar Reflective Paint

A specially formulated reflective acrylic coating for reducing solar heat gain on tiles, felt, asphalt, wood, masonry and concrete surfaces.

### Performance characteristics –

- Reflective, textured finish.
- Waterproofs and protects.
- Flexible - allows for contraction and expansion.
- Resists surface fungal growth.
- Easy to apply - water-based.
- Brush or roller application.
- Can be applied to previously painted surfaces.

### Preparation

All surfaces should be clean and free of loose material and contamination. Remove all moss, lichen, fungal growth and other contaminants. Scrape off any loose paint. Surfaces can be slightly damp but they should not be wet. Priming is not necessary. **Roofs** - Asbestos/cement roofs can be successfully coated, but may require special preparation to comply with asbestos regulations. All surfaces must be clean and free from loose and dusty matter. Previous coatings should be sound and well bonded. **Brick and Cementitious surfaces** - Surfaces should be clean, dry and free of any loose material and contamination. Use a fungicide like Blackfriar Anti-Mould Solution or Concentrated Fungicidal Wash to remove any fungi, algae or moss, etc. Scrape off any loose paint. Existing hard smooth, glossy paint should be lightly sanded to provide a key. Wash with a detergent solution, rinse with water and allow to dry. Make good any minor defects with external grade filler. Damp down dry, absorbent surfaces with water to leave them slightly damp. **Wooden Surfaces** - All bare wooden surfaces should be clean and dry. Not recommended for door or window frames. Do not apply to previously painted wood unless all traces of old paint have been removed.

### Application

Stir thoroughly before use. Apply with a brush or roller

working the paint in any surface imperfections. Two coats recommended. Blackfriar Professional White Solar Reflective Paint is tough and durable but is not suitable for persistent foot or mechanical traffic. It should be applied between 10°C and 30°C. Avoid applying to very hot substrates such as dark surfaces in direct sunlight. Do not apply if rainfall is imminent or if humidity is very high.

### Coverage Rate

4-8m<sup>2</sup>/litre per coat. Two coats recommended.

### Drying Time

2-4hrs @20°C. Allow to dry for a minimum of 4hrs @20°C between coats. Full cure is achieved in 5-7 days @20°C.

### Clean Up

Remove as much product from application equipment as possible before washing with water. Do not empty into drains or watercourses. Some local authorities have special facilities for the disposal of waste coatings.

### Warning

May cause damage to organs through prolonged or repeated exposure.

Keep out of reach of children.

Read label before use.

If medical advice is needed, have product container or label at hand.

Do not breathe vapour.

Get medical attention if you feel unwell.

Dispose of contents and container in accordance with all local, regional, national and international regulations.

EU limit value for this product (cat IIA/i): 140g/l (2007) 140g/l (2010) This product contains max 140g/l VOC.

Whilst every effort is made to ensure the accuracy of colour, due to limitations of the print process, colour / finish shown is for guidance only.