



# HQC SOLAR REFLECTIVE ROOF PAINT

## 1. TYPICAL USE

HQC HQC SOLAR REFLECTIVE ROOF paint is a premium, minimal VOC, environmentally friendly, water-based coating for concrete tiled roofs.

## 2. USES

2.01 This high quality roof coating has been specially developed for concrete tiled roofs. Can be used on all concrete surfaces.

2.02 If using product on slate or clay tiles, HQC Primer MUST be used.

## 3. SUBSTRATES PREPARATION

3.01 All surfaces to be jet washed and to remove all moss, fungi and lichen.

3.02 All surfaces to be treated with HQC Anti fungicidal wash after washed roof has dried and prior to apply.

3.03 Apply to dry, sound surfaces which must be free from dirt, dust and grease. All tiles should be free of latence, efflorescence, fungal growth and algae.

## 4. COLOUR RANGE

Available in white.

## 5. PRODUCT INFORMATION (TYPICAL FIGURES)

5.01 Composition:	The highest quality acrylic emulsion resin and pigments.
5.02 Volume solids:	68%
5.03 VOC content:	Minimal.
5.04 Typical film thickness:	250 microns recommended.
5.05 UV resistance:	Excellent. Contains super cross-linked polymers so no fading.
5.06 Gloss:	Approximately 78 gloss.
5.07 Coverage:	A 20L tub covers up to 40m <sup>2</sup> with the recommended two-coat application. The spreading rate of this product will vary considerably depending on the method of application and the roughness and porosity of the surface. In practice, this figure may be reduced by up to 25%.

## 6. APPLICATION DETAILS

Preferably bring paint to 7-25°C. Stir well before use with an electric drill.

6.01 Airless spray(cold):	Up to 5% water may be added to suit equipment. Typical tip size 21-26 thou, or 0.53-0.65 mm. Typical fluid pressure 170kg/m <sup>2</sup> or 2500 p.s.i.
6.02 Conventional spray:	Up to 10% water may be added to suit equipment.
6.03 Brush/Roller:	Apply evenly using a well-loaded brush or roller.
6.04 Filters:	Do not need to be removed.



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## 7. DRYING AND RECOATING

Substrate Temperature	Touch Dry	Dry to Handle	Overcoating Times	
			Min	Max
10°C	3 hours	6 hours	2 hours	Indefinite
20°C	1 hour	2 hours		

- 7.01 Environmental conditions:
- 7.02 Overcoating/Repainting:
- 7.03 Winter formulation:

The air temperature should be at least 7°C with a surface temperature of 3°C above dew point and the relative humidity below 80%. The drying times will be significantly extended in cold, damp conditions.

A minimum of two coats of HQC SOLAR REFLECTIVE ROOF Paint is required to give maximum thermal efficiency and performance. Our quick air drying (QAD) formulation will be supplied during the months of November through to March. This ensures that each application is completely dry within three hours.

## 8. STORAGE

- 8.01 Shelf life: Can be stored for up to 2 years from date of manufacture in unopened containers.
- 8.02 Specific gravity: 1.5

## 9. SAFETY PRECAUTIONS

- 9.01 Non-flammable: Water-based environmentally friendly product.
- 9.02 Components with workplace parameters: None according to EU Directive 88/379/EC.
- 9.03 Personal protective equipment: Impermeable gloves recommended. Eye protection recommended. In case of severe splashing wear waterproof overalls.
- 9.04 Hygiene measures: Do not eat or drink when handling product.
- 9.05 General protective measures: Keep containers closed when not in use. Use respiratory equipment when spraying. Do not breathe spray.

## 10. CLEANING UP

- 10.01 After use, remove as much paint as possible from equipment before cleaning up with clean water.
- 10.02 Remove paint spray from glass windows using cloth/sponge and soapy water.
- 10.03 Use a good quality UPVC cleaner to remove paint spray from UPVC windows frames.

## 11. DISPOSAL CONSIDERATIONS

Waste product should not be discharged directly into drains or waterways. Disposal of product and packaging should always comply with local and national regulations

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### 16. HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Water based paint. Avoid the inhalation of dust and wear a suitable face mask if dry sanding. Take special precautions during surface preparation of pre 1960's paint surfaces over wood and metal as they may contain harmful lead. For further information visit: [www.direct.gov.uk/en/HomeAndCommunity/InYourHome/KeepSafeAtHome/DG\\_179814](http://www.direct.gov.uk/en/HomeAndCommunity/InYourHome/KeepSafeAtHome/DG_179814), EU limit value for this product (cat.A/a):75g/l (2007)/30g/l (2010). This product contains max 20-30g/l VOC.

VOC Content Low 0.30% - 7.99%. VOC's (Volatile Organic Compounds) contribute to atmospheric pollution.

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Prepared by HQC  
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