

HOW TO PAINT DIFFERENT SURFACES

The application of W118 Infra-Red Cool Roof Coating on Galvanised / Asbestos / Fibre Cement and Roof Tiles can be applied using an Airless Sprayer Machine, Block Brush or Roller.

ROOF TYPE	APPLICATION	SURFACE PREPARATION
GALVANISED ROOF Corrugated, IBR	<ul style="list-style-type: none"> Stir W118 Infra-Red Cool Roof Coating thoroughly with flat paddle. Apply by brush, roller or airless spray. 	<ul style="list-style-type: none"> All surfaces must be thoroughly cleaned, removing all loose dirt, loose paint, algae, rust etc.
GRANULAR TILES Stone Chips, Sand	<ul style="list-style-type: none"> W118 Infra-Red Cool Roof Coating must be applied undiluted. 	<ul style="list-style-type: none"> Ensure that all rust (where necessary) is treated with WS4 Rust Primer (70–80 Microns/ allow to cure) and check carefully that any pin hole type rust is also treated.
ASBESTOS / FIBRE-CEMENT Profiled Sheets, Smooth Tiles	<ul style="list-style-type: none"> For non-porous surfaces, such as galvanised iron, apply two coats without diluting to achieve a minimum dry film thickness of 70–80 Microns. 	<ul style="list-style-type: none"> All necessary Waterproofing must be carried out according to the Wilcote specifications.
SMOOTH TILES Through Colour	<ul style="list-style-type: none"> For extremely porous surfaces, such as unpainted cement, slurry coated tiles, clay and well-weathered tiles, apply sufficient product to ensure correct Dry Film Thickness (DFT). Make sure to apply 2 full coats of undiluted W118 Infra-Red Cool Roof Coating to achieve a minimum dry film thickness of 70–80 Microns. 	<ul style="list-style-type: none"> All broken tiles and loose ridge caps need to be repaired or replaced. On all cementious or tile surfaces, including Asbestos, apply W190 Encapsulating Sealer (70–80 Microns).
SPECIAL CAUTION TILES Unpainted Cement & Slurry Coated Tiles, Clay tiles	<ul style="list-style-type: none"> Allow at least 1 hour drying time between coats of W118 Infra-Red Cool Roof Coating. 	
SLATE TILES & SHINGLES	<ul style="list-style-type: none"> Clean equipment with water. 	

TOOLS AND BRUSHES



BOOST YOUR INVESTMENT, BEAUTIFY YOUR PROPERTY



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WILCOTE HAS OVER 25 YEARS OF PROVIDING OUR CUSTOMERS WITH OUR PROFESSIONAL SOLUTIONS

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THE PROFESSIONAL SOLUTION

Service Excellence • World Class Products • Guaranteed Solutions



Infra-Red Ultra Premium Cool Roof Coating... THE GREEN ROAD FORWARD!

WHY THE MOVE AND ADVANCE FORWARD TO WILCOTE'S INFRA-RED COOL ROOF COATINGS

The invisible Infra-Red wavelengths which are part of the sun's radiation, are harmful, creating heat and damage to the roof coating. Our Infra-red Cool Coating System and it's advanced Technology, is able to reflect more than 30% of these harmful rays, off the roof area, resulting in cooler surfaces.

The reflecting of the sun's heating energy, harmlessly back into the Atmosphere and Space, results in reducing the green house effect – helping to keep our Planet cool.

This automatically reduces the roof temperature, resulting in cooler and more pleasant interior environment. This in turn reduces the cost of Air Condition and adds to better comfort.

Further positive effects, over and above energy savings, is less stress on the roof with longer lasting roof coating protection. This is an all round benefit to everyone, especially our Planet.

GO GREEN...
GO WILCOTE COOL.



When Should I Paint?

APPLICATION PERIODS

The best time to apply W118 Infra-Red Cool Roof Coating is:

- Mid-morning after the dew has dried.
- Preferably when the roof's temperature is below 50°C (If you can not walk on the area barefoot beforehand, do not paint).

Avoid the following times:

- Early in the morning, as the roof may still be covered in dew or frost from the night before. This will damage the paint film.
- Late in the afternoon, as this will affect the drying and curing time prior to the evening dew.
- When the roof is extremely hot, e.g. at noon on a very hot day. This will cause small bubbles to form in the paint and weaken the paint film.
- During inclement or stormy weather. Allow 4 hours drying time to ensure paint is rain proof.

CALCULATIONS ON QUANTITIES REQUIRED

To ensure that you have sufficient W118 Infra-Red Cool Roof Coating ensure that the following simple calculations are made:

PRACTICAL SPREADING RATE

Cement tiles and fibre-cement sheeting:	3 - 4m ² / per litre
Galvanised iron (Corrugated & IBR):	3 - 4m ² / per litre
Granular cement tiles:	2 - 3m ² / per litre

Note: Extremely coarse surface profiles will effect the spreading

CALCULATING THE SURFACE AREA OF THE ROOF

STEP 1: Calculate the flat square metre area.

STEP 2: Adjust the pitch of the roof by adding the following %:

PITCH OF ROOF	ADD % FACTOR
High	40
Normal	30
Low	20

STEP 3: Adjust the roof type to account for the W118 Infra-Red Cool Roof Coating, allocate a percentage for the type allocate a percentage for the type of roof and profile of sub-strate, for example: granular cement tiles, IBR profile, etc.

ROOF TYPE	ADD % FACTOR
Profiled Corrugated	30
Profiled IBR	30
Profiled smooth cement tiles	25
Profiled granular cement tiles	25

Therefore the quantity of paint required is calculated in the following manner:

- The total area of the roof in square metres.
- The average spreading rate of paint, for the particular roof surface and include the pitch of the roof.
- This will provide the quantity of W118 Infra-Red Cool Roof Coating required.



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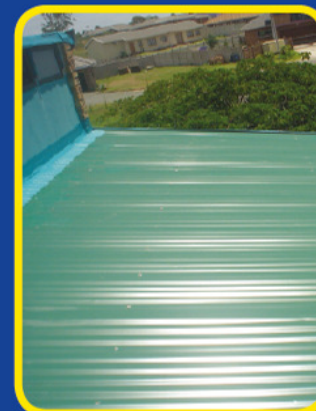
THE PROFESSIONAL SOLUTION

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BEFORE



AFTER

WILCOTE'S INFRA-RED COOL ROOF COATING FOR A BETTER ENVIRONMENT

Our W118 Infra-Red Cool Roof Coating has many advantages and some of these are:

- Easy to apply and dries quickly
- Can be applied on all types of roofs, cladding, garage doors, fascias', gutters, etc.
- Reduces the effect of "green house gases"
- Easy to clean equipment and tools – with water
 - Reduces cooling costs and power savings
 - Available in 16 Vibrant Colours



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DUSTY SUNSET
TSR 50,7



MAROON SUNSET
TSR 23



FIESTY RED
TSR 38



BRONZE HORIZON
TSR 11,5



GREY MOONLIGHT
TSR 37,7



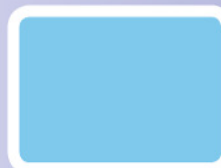
CUMULUS GREY
TSR 45,7



TRUE BLUE
TSR 30,2



DAWN BLACK
TSR 25,9



BLUE WHISPER
TSR 56,4



AQUATIC SEA
TSR 51,7



OLIVE BUD
TSR 53,8



GEORGIAN GREEN
TSR 34,2



WHITE
TSR 84,1



SANDSTONE BEIGE
TSR 68,3



DESERT KHAKI
TSR 54,1



EARTHEN LIFE
TSR 48,8

*Colour disclaimer: The colours in the colour chart are as close as possible to the actual paint colours as the print process allows.