

TRUE COLOUR ROOF PAINT

PRODUCT CODE: TCR Range

TECHNICAL DATA SHEET

Product Description	TRUE COLOUR ROOF PAINT is a superior waterbased acrylic paint.														
Intended Uses	<ul style="list-style-type: none"> All new and previously painted cementitious, fibre cement and galvanised roofs. Can be used on prepared and primed cladding, galvanised garage doors, galvanised gutters, down pipes cement tiles, fibre-cement sheets, through-colour roof tiles, zincalume and Aluzinc. 														
Features & Benefits	<ul style="list-style-type: none"> Smooth matt finish delivers lasting colour, excellent adhesion and superior durability. Superior acrylic waterbased emulsion. Weather resistant for lasting protection. Excellent adhesion 8 year quality guarantee (Refer to T & C 's at www.plascon.co.za) 														
Product Information	Appearance	Matt													
	Colours	As per colour card													
	Solids	Approx. 25 % by volume													
	Viscosity at 23 °C	Approx. 105 KU													
	Recommended DFT	35-50 µm per coat													
	Recommended WFT	140 – 200 µm per coat													
	Theoretical spreading rate	5.9 m ² /L @ 42.5 µm DFT. This serves as a guide only.													
	Practical spreading rate	The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.													
	VOC	21 g/L													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous and occasionally during use.													
	Method	Brush, roller or airless spray.													
	Thinning	Not recommended. Ready for use													
	Cleaning	Water													
	Drying time	Touch dry: 30 mins @ 23 °C Overcoating: 2 h @ 23 °C													
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10 %</td> </tr> <tr> <td colspan="3">Or 3 °C min. above dew point</td> </tr> <tr> <td>Max: 50 °C</td> <td>Max: 35 °C</td> <td>Max: 85 %</td> </tr> </tbody> </table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10 %	Or 3 °C min. above dew point			Max: 50 °C	Max: 35 °C	Max: 85 %
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Min: 10 °C	Min: 10 °C	Min: 10 %													
Or 3 °C min. above dew point															
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Storage & Packaging	Store away from direct sun, heat and severe cold. Packaging: 5 L and 20 L.														

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Surface Preparation

Surfaces must be clean, firm (sound) and thoroughly dry before painting. Remove any fungal growth or algae with household bleach (3, 5% solution of sodium hypochlorite) thinned 2 parts bleach to 1 part water by volume. Leave on surface for approximately 1 h and then scrub with a hard bristle brush to remove all dead growth. Rinse thoroughly with fresh water. Allow to dry. Repair leaks and defective flashing with **PLASCON MULTISEAL (WSS 2)**.

1. **GALVANISED IRON:**

1.1 **New:** Remove fabricators pre-treatment oil, grease and any other contaminants with **METALCARE GALVANISED IRON CLEANER (GIC 1)**. Hose and scrub down with a hard bristle brush and fresh water and repeat cleaning process until a water break-free surface is obtained. Prime with **METALCARE GALVANISED IRON PRIMER (GIP 1)**.

1.2 **Unpainted and weathered:** Remove oil, grease, white rust or any other contaminants with **METALCARE GALVANISED IRON CLEANER (GIC 1)** to achieve a water break-free surface. Rinse thoroughly with fresh water. Then prime with **METALCARE GALVANISED IRON PRIMER (GIP 1)**. Areas showing **red rust** must be abraded back to bright metal, patch primed with **PLASCOSAFE 18 PRIMER (EMS 18)** and then the whole surface primed with **GALVANISED IRON PRIMER (GIP 1)**.

1.3 **Previously painted :** Carry out adhesion tests on previous coating. Cross cut test to ISO 2409-2013 standard. Remove faulty paint and scrub entire area with **POLYCELL SUGAR SOAP POWDER solution (500g into 5 L water)**. Clean with high-pressure water jet to remove sugar soap solution, chalk and dirt. Treat any bare areas as in 1.2 above

2. **FIBRE-CEMENT SHEETING:**

2.1 **Unpainted and weathered:** Remove dust, dirt, loose granules, friable and powdery material with high-pressure water jet or alternatively scrub down with a hard bristle or wire brush and water. Allow surface to dry. Seal entire surface with **PLASCON BONDING LIQUID (CVI 14)**. Allow 16 h to dry. Apply 2 coats of **TRUE COLOUR ROOF (TCR Range)**, allowing 2 h drying between coats.

2.2 **Previously painted in poor condition:** Strip completely. Restore powdery and friable surfaces to a sound condition by applying **PLASCON BONDING LIQUID (CVI 14)**. Allow to dry for at least 16 h @ 23 °C. Apply 2 coats of **TRUE COLOUR ROOF (TCR Range)** before contamination of the surface can take place.

3. **CEMENT TILES:**

3.1 **Unpainted and weathered:** Remove dust, dirt, loose granules, friable and powdery material with high-pressure water jet or alternatively scrub down with a hard bristle wire brush and water. Allow surface to dry. If surface is still sound, apply **TRUE COLOUR ROOF (TCR Range)** direct on the substrate. If surface is still friable and powdery seal with **PLASCON BONDING LIQUID (CVI 14)**. Allow to dry for at least 16 h @ 23°C. Apply 2 coats of **TRUE COLOUR ROOF (TCR Range)** before contamination of the surface can take place, allowing 2 h drying between coats

3.2 **Previously painted:** Carry out adhesion tests on previous coating. Cross cut test to ISO 2409-2013 standard. Remove faulty paint and scrub entire area with **POLYCELL SUGAR SOAP POWDER solution (500g into 5 L water)**. Clean with high-pressure water jet to remove **POLYCELL SUGAR SOAP POWDER solution**, chalk and dirt.

3.3 **Previously painted in poor condition:** Strip completely. Restore powdery and friable surfaces to a sound condition by applying **PLASCON BONDING LIQUID (CVI 14)**. Allow to dry for at least 16 h @ 23 °C. Apply 2 coats of **TRUE COLOUR ROOF (TCR Range)** before contamination of the surface can take place, allowing 2 hours drying between coats.

4. **ZINCALUME AND ALUZINC:**

Scrub surface thoroughly with **POLYCELL SUGAR SOAP POWDER solution (500g into 5 L water)**. Rinse thoroughly with clean water to neutralise. Allow to dry. Prime with **PLASCON EPIWASH STRONTIUM CHROMATE PRIMER (AW 255)**. Allow 4 h to dry but not more than 14 days before overcoating.

5. **CHROMADEK:**

Scrub surface thoroughly with **POLYCELL SUGAR SOAP POWDER solution (500g into 5 L water)** and scouring pads to remove chalk and contaminants. Rinse thoroughly with clean water to neutralise. Allow to dry. Prime with **PLASCON EPIWASH STRONTIUM CHROMATE PRIMER (AW 255)**. Allow 4 h to dry but not more than 14 days before overcoating.

6. **SPECIAL CAUTION TILES:**

The painting of **clay, slurry coated tiles, slate and wooden shingles** is **NOT RECOMMENDED**.

7. **EXTREMELY POROUS SURFACES-UNPAINTED CEMENT AND WELL-WEATHERED TILES:**

Remove dust, dirt, loose granules, and friable and powdery material with a high-pressure water jet or by scrubbing with a hard bristle or wire brush and water. Allow surface to dry. Apply undiluted **BONDING LIQUID (CVI 14)** (refer to technical data sheet for application details). Allow to dry for at least 16 h @ 23 °C before applying 2 coats of **TRUE COLOUR ROOF PAINT (TCR Range)**, allow 2 h to drying between coats. Overcoat before contamination of the surface can take place.

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Application	<ul style="list-style-type: none"> Stir thoroughly with a flat paddle. Apply by brush, roller or airless spray TRUE COLOUR ROOF PAINT (TCR RANGE) undiluted to a total DFT of 70-100 µm. For extremely porous surfaces, such as unpainted cement and well weathered tiles, apply undiluted BONDING LIQUID (CVI 14). Allow to dry for at least 16 h before applying TRUE COLOUR ROOF PAINT (TCR RANGE). Allow at least 2 h drying time between coats. NB: When painting corrugated sheet roofs, start at the apex and work downwards completing a full sheet at a time joining in the valleys to avoid lap marks. Always maintain a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. Work from corner to corner or from a natural cut off point to another. Do not attempt touch ups but redo complete panels
Cautions	<ul style="list-style-type: none"> Friable and powdery surfaces require special care before painting- if in doubt contact Plascon Advisory service 0860 20 40 60 For health reasons, avoid dusting when preparing fibre-cement surfaces. Keep surfaces wet and wash off residues with water. The painting of slate, clay, slurry tiles and wooden shingles is not recommended. Do not apply to surfaces where the temperature is less than 10 °C. Do not paint under conditions of frost, dew, rain or fog or inclement weather. Note: Painting under the above conditions may affect the performance of the paint film. To ensure that colours on a project are consistent, check that batch numbers are the same.
Safety Precautions	<ul style="list-style-type: none"> Please note that roof water is not recommended for human consumption. Keep out of reach of children. Ensure good ventilation during application and drying. Do not pour paint down the drain. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes. In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed, do not induce vomiting. Seek medical attention. Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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