

<b>Product Description</b>	A superior water based acrylic paint and waterproofer.		
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Suitable for new and previously painted cementitious and galvanised roofs.</li> <li>Can be used on prepared and primed galvanised iron roofs, cladding, through-colour roof tiles, cement tiles, fibre-cement sheets, zincalume, Aluzinc, Chromadek, galvanised garage doors, galvanised gutters/down pipes and concrete paving.</li> <li>Suitable for use as a waterproofer in combination with a membrane.</li> </ul>		
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Superior acrylic water based emulsion delivers a weather resistant, durable coating with long lasting colour protection.</li> <li>Attractive, smooth and flexible sheen finish.</li> <li>Excellent adhesion for application on multiple surfaces.</li> <li>May be used as a waterproofer.</li> <li>Environmentally friendly formulation suitable for water harvesting in storage tanks for <b>non – potable use</b> (not suitable for human or animal consumption).</li> <li>10year quality guarantee on roofs (excludes paving, for excluded roof substrates refer to T &amp; C 's at <a href="http://www.plascon.co.za">www.plascon.co.za</a>).</li> <li>10year quality guarantee as a waterproofer (when used in conjunction with a membrane and the application of a maintenance coat every 5 years, refer to T &amp; C 's at <a href="http://www.plascon.co.za">www.plascon.co.za</a>).</li> </ul>		
<b>Product Information</b>	Appearance	Sheen	
	Colour	Standard colours as per colour card	
	Solids	Approx, 25% by volume	
	Viscosity at 23°C	Approx, 100-105KU	
	Recommended DFT	35-50µm per coat when used as a roof coat.	
	Recommended WFT	140-200µm per coat when used as a roof coat.	
	Theoretical Spreading Rate	5.9m <sup>2</sup> /L @ 42.5 µm DFT. This serves as a guide.	
	Practical Spreading Rate	The practical spreading rate will vary depending on the type and profile of the substrate as well as the application technique and tools used.	
	VOC	21g/L	
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogenous.	
	Method	Brush, roller or airless spray	
	Thinning	Not recommended. Ready for use	
	Cleaning	Water	
	Drying Time	Touch dry: 30 mins @ 23°C	
		Overcoating: 2h @ 23°C	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 10 °C	Min.: 10 °C
		Or 3 °C above dew point	
		Max.: 50 °C	Max.: 35 °C
			Relative Humidity
			Min: 10%
			Max: 85 %
<b>Storage and Packaging</b>	Store away from direct sun, heat, open flames, sparks or severe cold.		
	Packaging: 5L and 20L		
<b>Surface Preparation</b>	<p>All surfaces must be clean, firm (sound) and thoroughly dry before painting.</p> <p>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 hour 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 <b>TRADEPRO ROOF &amp; MORE (URP RANGE)</b>.</p>		

### Surface Preparation continued

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 5L 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 16h to dry. Apply 2 coats of **TRADEPRO ROOF & MORE (URP 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 16h @ 23°C. Apply 2 coats of **TRADEPRO ROOF & MORE (URP 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 **TRADEPRO ROOF & MORE (URP 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 16h @ 23°C. Apply 2 coats of **TRADEPRO ROOF & MORE (URP RANGE)** before contamination of the surface can take place, allowing 2h 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 5L 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 16h @ 23 °C. Apply 2 coats of **TRADEPRO ROOF & MORE (URP RANGE)** before contamination of the surface can take place, allowing 2h drying between coats.
4. **ZINCALUME AND ALUZINC:**
  - 4.1 Scrub surface thoroughly with **POLYCELL SUGAR SOAP POWDER solution (500g into 5L water)**. Rinse thoroughly with clean water to neutralise. Allow to dry. Prime with **EPIWASH STRONTIUM CHROMATE PRIMER (AW 255)**. Allow 4h to dry but not more than 14 days before overcoating.
5. **CHROMADEK:**
  - 5.1 Scrub surface thoroughly with **POLYCELL SUGAR SOAP POWDER solution (500g into 5L water)** and scouring pads to remove chalk and contaminants. Rinse thoroughly with clean water to neutralise. Allow to dry. Prime with **EPIWASH STRONTIUM CHROMATE PRIMER (AW 255)**. Allow 4h to dry but not more than 14 days before overcoating.
6. **SPECIAL CAUTION TILES:**
  - 6.1 The painting of **clay, slurry coated tiles, slate and wooden shingles** is **NOT RECOMMENDED**.
7. **EXTREMELY POROUS SURFACES - UNPAINTED CEMENT AND WELL-WEATHERED TILES:**
  - 7.1 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 16hrs @ 23°C before applying 2 coats of **TRADEPRO ROOF & MORE (URP RANGE)**, allow 2h drying between coats. Overcoat before contamination of the surface can take place.

### 8. CONCRETE PAVING:

- 8.1 Ensure surface is free of all contaminants and is clean dry and sound. Apply **BONDING LIQUID (CVI 14)** to entire surface and allow 2h to dry. Apply 2 coats of **TRADEPRO ROOF & MORE (URP RANGE)**.

### 9. WATERPROOFING:

- 9.1 To all primed and sealed surfaces apply a full coat unthinned at approximately 2 m<sup>2</sup>/ℓ. Immediately embed the polyester membrane into the wet coating ensuring that the membrane is thoroughly saturated by the coating.

Before this coat is completely dry apply a further coat to completely cover the membrane. Allow to dry and finish with a final coat to completely cover the membrane then apply another finishing coat.

**CAUTION:** - NOT suitable to seal concrete dams or ponds or where exposed to continuous immersion in water.

For water harvesting connect the tank as specified by the manufacturer

### Application

- Stir thoroughly with a flat paddle.
- Apply by brush, roller or airless spray undiluted to a total DFT of 35 - 50µm.
- Allow at least 2h 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.

### Caution

- 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.
- This product is APEO free (it does not harm aquatic life).
- Please note that roof water is **not recommended for human or animal 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.

### Safety Precautions

### 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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## TRADEPRO ROOF & MORE (URP RANGE) Technical Data Sheet

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