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TECHNICAL DATA SHEET	
<b>VERF5 PRODUCT</b>	<b>COOL   HEAT REFLECTIVE PAINT   PRODUCT CODE: MP22</b>
Product description	A thick high-quality water-based heat, IR and UV resistant coating
Intended Uses	<p>CHP is a water-based paint designed to significantly reduce the temperature of metal and roofs and concrete roofs.</p> <p>CHP can be used on new or existing roofs.</p> <p>CHP is made to combat all three of the sun's effects. Heat. IR and UV.</p> <p>Works well with Verf5 Multi-proof, and very effective on its own.</p>
Features and Benefits	<p>A water-based coating that is long lasting.</p> <p>Durable and flexible</p> <p>Stronger adhesion</p> <p>Excellent over coating features</p> <p>Works well with all water-based coatings.</p>
<b>Product Information</b>	
Appearance	Matt White
Flash Point	Non-flammable
Theoretical spread rate	5 to 7 square meters per litre/layer
F.O.G.	<30 Microns Max
Total Solid Content	+62%
**Viscosity ( <i>Krebs Unit</i> )	95 to 100 K.U. at 23 degrees Celsius.
pH	8.5 – 9.5
***S G   Specific Gravity	+1.31 to 1.35
Wet Abrasion	>5000 cycles. – According to SABS standard
<b>Application Details</b>	
Mixing method	Already mixed. Stir when required
Application method	Brush, Roller, or spray
Thinning	Not needed
Cleaning	Water based product to be cleaned with water
Substrate application	Suitable to most cementitious surfaces, and roof tiles etc. Please contact the supplier or manufacturer for professional advice
Application Environment	Minimum 15 - 25 degrees Celsius
Drying time	<p>Touch dry @ 40 min @ 23 degrees Celsius (Approximate)</p> <p>Dry to handle @ 1h @ 23 degrees Celsius (Approximate)</p> <p>Over coating @ 2h @ 23 degrees Celsius (Approximate)</p> <p>Full cure +- 7 days</p>
Practical spreading rate /litre/coat	<p>Cementitious/porous surfaces – 5 – 7 square metres</p> <p>Granular surfaced tiles – 2 - 4 square metres</p>
Storage and Packaging	<p>Make sure to store the product away from direct sun, heat, and cold temperatures.</p> <p>Make sure product is stored in a cool dry place. Ideal storage temperatures 15 – 25 degrees Celsius</p> <p>Packaging comes in 5ltr, 20ltr and 200ltr.</p>

Cautions	<p>For health and safety risk, contact a specialist regarding surface cleaning of fibre-cement surfaces.</p> <p>Application temperature is between 15 – 25 degrees Celsius.</p> <p>Make sure not to paint when there is frost, dew, rain, or fog as this will affect the application and performance of the paint.</p> <p>Also, make sure the relative humidity is 10%.</p>
Safety Precautions	<p>Keep out of reach of children.</p> <p>Ensure that there is good ventilation when applying and for curing.</p> <p>Dispose of paint in an environmentally safe way i.e., NOT DOWN THE DRAIN.</p> <p>If paint comes into contact with skin, rinse while wet or use a soap that is a recognised skin cleaner.</p> <p>Avoid contact with eyes. In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.</p> <p>If swallowed please contact medical advice immediately.</p> <p>Refer to MSDS (Material Safety Data Sheet) for complete descriptive information.</p>

*\*Pigment volume concentration, or PVC, is the term used to describe the volume (not weight) of pigment in a paint film. PVC tells us how much of the volume of the paint film is made up of pigment versus the amount made up of binder. Gloss/Sheen Type Typical PVC: Gloss 0-15%*

*\*\* (Krebs Unit) A Krebs unit is the weight in grams that will turn a paddle-type rotor, submerged in the sample, 100 revolutions in 30 s.*

*\*\*\* SG - The **specific gravity** is often abbreviated as SG. If the specific gravity of a liquid is less than 1.0, it is less dense than water, and if the specific gravity is higher than 1.0, it is heavier than water.*