

# Trimite YAP11770

## Black Water Based Primer

|  |   |                            |   |
|--|---|----------------------------|---|
| <b>Description</b>                                       | A water based anticorrosive primer for metals.  |                            |   |
| <b>Finish</b>  | Semi-Gloss.   |                            |   |
| <b>Features</b>  | <ul style="list-style-type: none"> <li>• Provides excellent levels of adhesion and anticorrosive protection to ferrous and some non-ferrous metals.</li> <li>• See Test Data below for details of performance test results.</li> </ul>  |                            |   |
| <b>Complies With</b>                                     | Please consult Trimite.   |                            |   |
| <b>Product Code</b>                                      | YAP11770- .   |                            |   |
| <b>Volume Solids</b>                                     | 34% ± 2%.   |                            |   |
| <b>VOC's</b>   | Below 250 g/l.  |                            |   |
| <b>Colour Range</b>                                      | Black.  |                            |   |
| <b>Film Thickness &amp; Coverage</b>                     | <b>Rec. Typical:</b>  | <b><u>Dry</u></b><br>50 µm | <b><u>Wet</u></b><br>147 µm                           |
|  |   |                            | <b><u>Theo. Coverage</u></b><br>6.8 m <sup>2</sup> /l |
|  | Recommended Dry Film Thickness 45 to 75 µm, depending on performance level required.  |                            |   |
|  | Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.   |                            |   |
| <b>Drying &amp; Overcoating Times</b><br>at Rec. Min DFT | <p>In order to ensure a good standard of finish and provide adequate drying properties, a constant warm air flow over the work piece is required, ideally between 15° – 25°C. Temperatures below 15°C may cause problems on edge beads, and below 5°C, very slow drying, together with blooming or cracking, may occur.</p> <p><b>Force Drying:</b> in order to speed up drying, components may be force dried. To maximise the benefits provided by heating components during drying, adequate air movement should be incorporated which allows more rapid release of volatile materials from the coating.</p> |                            |   |

**TECHNICAL DATA SHEET****Trimite YAPI1770****Black Water Based Primer**

|                               |   |
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| <b>Surface Preparation</b>    | <ul style="list-style-type: none"><li>All surfaces to be coated should be dry, and cleaned as necessary to remove all dirt, grease, oil or other contamination.</li></ul>   |
| <b>Mixing</b>                 | Thoroughly stir the coating before use. A power mixer is highly recommended. A wide-bladed stirrer is essential for adequate mixing if only hand stirring. Stir occasionally during use to maintain a homogenous mix.   |
| <b>Mix Ratio</b>              | Not applicable – single pack product.   |
| <b>Application Conditions</b> | Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. It is not recommended to apply the product when the ambient temperature falls below 10°C. The paint temperature at the time of application should ideally be 15° - 20°C. |
| <b>Application Details</b>    | <ul style="list-style-type: none"><li>Formulated for application by Aerobell and conventional electrostatic spray.</li><li>May also be applied conventional spray, or in some cases dip application.</li><li>The recommended thinner is de-ionized water. No other additions must be made.</li><li>Water additions may seriously reduce the dry film thickness, do not over thin.</li></ul>   |
| <b>Thinner/Cleaner</b>        | <b>Thinning</b> – de-ionized water only.<br><b>Cleaning</b> - clean water. The paint should be washed from equipment with water before it has chance to dry fully. Where partial drying occurs, a solvent blend may be required to remove the coating.  |
| <b>SG</b>                     | 1.18 ± 0.1 kg/l.  |
| <b>Flash Point</b>            | Above 60°C.   |
| <b>Shelf Life</b>             | 4 months from date of manufacture when correctly stored in unopened containers.   |
| <b>Storage</b>                | The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.   |
| <b>Health &amp; Safety</b>    | Refer to the product's Safety Data Sheet and safety advice on the product label before use.   |
| <b>Date of Issue</b>          | Dec 2022.   |

Information provided in this leaflet is given in good faith but without warranty or assumed liability, as the conditions of application and use are beyond our control. Data are accurate to the best of our knowledge at the time of issue but may be revised in the light of new knowledge and the user should check that data are current before use. The user must satisfy themselves about the product's suitability for their own purpose and refer to the Safety Data Sheet for this product before use. For industrial use only unless specifically stated otherwise.

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#### Test Data

|  |                                  |
|--|----------------------------------|
| <b>Internal testing at 40 – 50 µm DFT (over smooth steel panel):</b>   |                                  |
| Salt Spray (ASTM B117)   | Pass at 240 hr                   |
| Humidity (BS3900)  | Pass at 240 hr                   |
| Water Soak at 20°C   | Pass at 140 hr                   |
| <b>Internal testing at 75 – 80 µm DFT (over blast cleaned metal panel):</b>  |                                  |
| Salt Spray (BS3900:F4)   | Pass in excess of 1000 hr        |
| Leyland/Rover  | Specifications BLS22Of02 and PP1 |
| Cummins Engines  | Materials Specification 21059-06 |
| <b>External testing – conducted on formulation 14469 (a variant of this material, developed for conventional spray only)</b> |                                  |
| Perkins Engines  | Specification PMS.R.107          |

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