

5.3 Viscosity

The viscosity of the compound shall be 50-100 poises at 20°C.

5.4 Rate of Drying

A film of the material applied at not more than 2.5 ozs per square yard on a clean smooth metal panel, when allowed to remain under the conditions specified as AS K41, method 101.1 standard drying conditions, shall remain tacky to the finger for at least 4 hours.

5.5 Flexibility and adhesion

A film of the material prepared and tested as described in Appendix "B" shall not become detached or damaged.

5.6 Protection Against Sea Water

The protection against sea water of a film of material prepared and tested as described in Appendix "C" shall be such that no flaking, change of colour, blistering or corrosion shall occur.

5.7 Keeping Qualities

The keeping qualities of the compound shall be such that when stored in the original sealed container it will, after delivery, substantially retain the properties specified above for not less than 12 months in a temperate climate and for not less than 6 months in a tropical climate.

5.8 Volatile Matter

The volatile matter content of the pigment shall not exceed 1.0% when determined in accordance with Appendix "A"

5.9 Water Soluble Matter

The water soluble matter content of the pigment shall not exceed 0.5% when tested in accordance with Appendix "A".

6. QUALITY

Quality Control shall ensure compliance with the requirements of this specification.

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APPENDIX 'C'

METHOD FOR THE DETERMINATION OF PROTECTION AGAINST SEA WATER

A 6" x 4" panel of smooth clean mild steel (AS K41 method 104.1) shall be coated with the compound to give a dry film weight of 2.0 - 2.5 ozs per square yard.

After drying at 50° for 8 hours the panel shall be partially immersed in sea water for three days.

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