

PPG AQUAVIGOR 130

DESCRIPTION

One-component, waterborne acrylic primer/finish

PRINCIPAL CHARACTERISTICS

- Good adhesion on most aged, sound alkyd, chlorinated rubber and waterborne epoxy coatings
- EDF/ORANO (ex AREVA/COGEMA) and CEA-approved product

COLOR AND GLOSS LEVEL

- RAL colors (other colors available on request)
- Semi-gloss

BASIC DATA AT 20°C (68°F)

Data for product	
Number of components	One
Mass density	1.23 kg/l (10.26 lb/US gal)
Volume solids	37 ± 2%
VOC (Supplied)	Directive 2010/75/EU, SED: max. 98.0 g/kg max. 120.0 g/l (approx. 1.0 lb/US gal)
Recommended dry film thickness	40 - 50 µm (1.6 - 2.0 mils)
Theoretical spreading rate	9.3 m ² /l for 40 µm (371 ft ² /US gal for 1.6 mils) 7.4 m ² /l for 50 µm (297 ft ² /US gal for 2.0 mils)
Dry to touch	4 hours
Dry to handle	9 hours
Overcoating Interval	Minimum: 9 hours
Shelf life	Base: 24 months when stored cool and dry

Notes:

- Some color shades are not feasible. Please contact your PPG representative for details
- An extra finish coat may be needed for shades that are not sufficiently covering and/or the primer shade may need to be adjusted

PPG AQUAVIGOR 130

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Applicable on primed steel, galvanised steel, aluminum, inner face of pre-painted cladding or primer (that has already been cleaned and touched up if required), concrete
- Galvanized steel and aluminum must be dry and free from any contamination, by performing a careful degreasing, chemical pickling, followed by rinsing
- Pre-painted cladding must be dry and free from any contamination, by thorough washing and potential degreasing
- Previous coat (alkyds, chlorinated rubber and waterborne epoxy) must be dry and free from any contamination, by HP washing, brushing and scraping corroded areas to St3 and touching up using a suitable primer
- Concrete must be sound, dry, free from laitance and any contamination
- The substrate must always be sound, dry and clean, in line with DTU 59-1 and DTU 59-3, before application

Note:

- Use on aged coatings only for indoor structures in non-corrosive environments
-

Substrate temperature and application conditions

- Substrate temperature during application should be between 5°C (41°F) and 30°C (86°F)
 - Substrate temperature during application and curing should be at least 3°C (5°F) above dew point
 - Relative humidity during application and curing should not exceed 80%
 - Ambient temperature during application and curing should be between 5°C (41°F) and 35°C (95°F)
 - Substrate moisture content of concrete should not exceed 4% (Carbide method)
-

SYSTEM SPECIFICATION

- Can be applied on primers CENTREPOX N EVO, CENTREPOX PZ EVO, ENDUIT PANTOXY NF
-

INSTRUCTIONS FOR USE

- Stir well before use
 - The temperature of the paint should preferably be above 10°C (50°F)
 - Too much tap water results in reduced sag resistance
 - Must be protected from freezing at all times during storage and/or transport
 - Adequate ventilation must be maintained during application and curing
-

PPG AQUAVIGOR 130

Airless spray

Recommended thinner

Tap water

Volume of thinner

5 - 10%, depending on required thickness and application conditions

Nozzle orifice

Approx. 0.33 – 0.38 mm (0.013 – 0.015 in)

Nozzle pressure

15.0 MPa (approx. 150 bar; 2176 p.s.i.)

Brush/roller

Recommended thinner

Tap water

Volume of thinner

0 – 5%

Cleaning solvent

- Tap water
 - DILUANT N°1 Bis
-

SAFETY PRECAUTIONS

- See Safety Data Sheet and product label for complete safety and precaution requirements
 - Although this is a waterborne paint, care should be taken to avoid inhalation of spray mist, as well as contact between the wet paint and exposed skin or eyes
-

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- Information sheet | Explanation of product data sheets
-

PPG AQUAVIGOR 130

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

LIMITATIONS OF LIABILITY

IN NO EVENT WILL PPG BE LIABLE UNDER ANY THEORY OF RECOVERY (WHETHER BASED ON NEGLIGENCE OF ANY KIND, STRICT LIABILITY OR TORT) FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO, ARISING FROM, OR RESULTING FROM ANY USE MADE OF THE PRODUCT. The information in this sheet is intended for guidance only and is based upon laboratory tests that PPG believes to be reliable. PPG may modify the information contained herein at any time as a result of practical experience and continuous product development. All recommendations or suggestions relating to the use of the PPG product, whether in technical documentation, or in response to a specific inquiry, or otherwise, are based on data, which to the best of PPG's knowledge, is reliable. The product and related information is designed for users having the requisite knowledge and industrial skills in the industry and it is the end-user's responsibility to determine the suitability of the product for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. PPG has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Therefore, PPG does not accept any liability arising from any loss, injury or damage resulting from such use or the contents of this information (unless there are written agreements stating otherwise). Variations in the application environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. This sheet supersedes all previous versions and it is the Buyer's responsibility to ensure that this information is current prior to using the product. Current sheets for all PPG Protective & Marine Coatings Products are maintained at www.ppgpmc.com. The English text of this sheet shall prevail over any translation thereof.

The PPG logo, and all other PPG marks are property of the PPG group of companies. All other third-party marks are property of their respective owners.

