PITT-TECH PLUS 4216 HP/DEVFLEX 4216 HP

DESCRIPTION
One-component, high performance waterborne acrylic semi-gloss enamel

PRINCIPAL CHARACTERISTICS
• Direct-to-Metal (DTM) to steel and aluminum
• Interior-Exterior commercial, institutional, and industrial
• Interior-Exterior primed galvanized metal, wood and masonry
• Fast drying properties
• Non-yellowing
• Excellent resistance to oil and grease
• Good abrasion resistance
• Hand oil resistance

COLOR AND GLOSS LEVEL
• White, safety colors and custom colors
• Semi-gloss

BASIC DATA AT 68°F (20°C)

<table>
<thead>
<tr>
<th>Data for product</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of components</td>
<td>One</td>
</tr>
<tr>
<td>Volume solids</td>
<td>36 ± 2%</td>
</tr>
<tr>
<td>VOC (Supplied)</td>
<td>max. 0.8 lb/US gal (approx. 91 g/l)</td>
</tr>
<tr>
<td>Temperature resistance</td>
<td>To 190°F 88°C</td>
</tr>
<tr>
<td>Recommended dry film thickness</td>
<td>1.5 - 4.0 mils (38 - 100 µm) depending on system</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>385 ft²/US gal for 1.5 mils (9.4 m²/l for 38 µm)</td>
</tr>
<tr>
<td>Shelf life</td>
<td>At least 24 months when stored cool and dry</td>
</tr>
</tbody>
</table>

Notes:
- See ADDITIONAL DATA – Overcoating intervals
- See ADDITIONAL DATA – Curing time

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Steel
• Coating performance is, in general, proportional to the degree of surface preparation
• Remove all rust, dirt, moisture, grease or other contaminants from the surface
• Abrasive blast cleaning to SSPC SP-6 standards will give optimum performance
• Where abrasive blasting is not practical, power tool cleaning in accordance with SSPC SP-3 or hand tool cleaning to SSPC SP-2 requirements is acceptable
• When using as a DTM finish without a primer, a minimum of two coats is recommended for best corrosion resistance
Galvanized steel
- Degrease to SSPC SP-1 and remove any white corrosion products by hand abrasion
- Prime with PITT-TECH PLUS 4020 PF and allow to dry overnight
- Consult relevant primer data sheet for surface preparation requirements

Concrete / Masonry
- Cure at least 30 days before painting
- pH must be 10.0 or lower
- Remove all rust, dirt, moisture, grease or other contaminants from the surface
- Consult relevant primer data sheet for surface preparation requirements

Exterior wood
- Spot prime pine knots with HYDROSEALER 6001 primer
- Prime entire surface with HYDROSEALER 6001 primer

Dry wall
- Prime with SPEEDHIDE sealer

Interior wood
- Set nails and fill holes with latex spackle
- Sand smooth and dust clean
- Self prime.
- Do not use this product with lacquer undercoats

Substrate temperature and application conditions
- Surface temperature during application should be between 50°F (10°C) and 100°F (38°C)
- Surface temperature during application should be at least 5°F (3°C) above dew point
- Ambient temperature during application and curing should be between 10°C (50°F) and 38°C (100°F)
- Relative humidity during application should be above 0% and below 85%

Warning
Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted and approved (e.g., NIOSHapproved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office

SYSTEM SPECIFICATION
- Primers: Pitt-Tech Plus/Devflex 4020 PF, Multiprime/Devguard 4160, Fast Dry/Devguard 4180, Multiprime/Devguard 4360, HYDROSEALER 6001, GRIPPER 3210 and HI-HIDE 1000 Wall Primer
INSTRUCTIONS FOR USE

• Agitate with a power mixer for 1 – 2 minutes until completely dispersed. Ensure good off-bottom mixing

Application
• Area should be sheltered from airborne particulates and pollutants
• Ensure good ventilation during application and curing
• Provide shelter to prevent wind from affecting spray patterns

Material temperature
Material temperature during application should be between 50°F (10°C) and 90°F (32°C)

Air spray
• Separate air and fluid pressure regulators and a moisture and oil trap in the main air supply line are recommended.

Recommended thinner
No thinner should be added

Nozzle orifice
Approx. 0.070 in (1.8 mm)

Airless spray
• 30:1 pump or larger
• Adjust pump pressure as needed

Recommended thinner
No thinner should be added

Nozzle orifice
0.015 – 0.017 in (approx. 0.38 – 0.43 mm)

Brush/roller
• Use a high quality natural bristle brush and/or solvent resistant, 3/8” nap roller. Ensure brush/roller is well loaded to avoid air entrainment. Multiple coats may be necessary to achieve adequate film-build

Recommended thinner
No thinner should be added

Cleaning solvent
Soap and water

Note: All application equipment must be cleaned immediately after use
ADDITIONAL DATA

Overcoating interval for DFT up to 2.0 mils (51 µm)

<table>
<thead>
<tr>
<th>Overcoating with...</th>
<th>Interval</th>
<th>77°F (25°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>itself</td>
<td>Minimum</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Maximum</td>
<td>Extended</td>
</tr>
</tbody>
</table>

Notes:
- Overcoating times valid for a relative humidity of 50%
- Drying times may vary depending on temperature, humidity, and air movement

Curing time for DFT up to 2.0 mils (51 µm)

<table>
<thead>
<tr>
<th>Substrate temperature</th>
<th>Dry to touch</th>
<th>Dry hard</th>
</tr>
</thead>
<tbody>
<tr>
<td>77°F (25°C)</td>
<td>N/A</td>
<td>24 hours</td>
</tr>
</tbody>
</table>

Note: Curing times valid for a relative humidity of 50%

Product Qualifications
- Meets MPI Category #153, Interior W.B. Light Industrial Coating

DISCLAIMER
- For professional use only. Not for household use. Do not use under alkyd or oil-based paints

SAFETY PRECAUTIONS
- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets

Danger
Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information

WORLDWIDE AVAILABILITY
It is always the aim of PPG Protective and 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

- CONVERSION TABLES
- EXPLANATION TO PRODUCT DATA SHEETS
- SAFETY INDICATIONS
- SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD – TOXIC HAZARD

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, 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.

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AVAILABILITY

Packaging
1-gallon and 5-gallon kits

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