

RR&C Ductile Iron Pipe Coating HV

SELECTION & SPECIFICATION DATA

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| Type | Non-fibered Asphalt Emulsion |
| Description | A blend of selected mineral fillers and emulsified asphalts that provides excellent protection against corrosion on steel and other metal substrates. |
| Features | <ul style="list-style-type: none"> • Water-based with low VOCs • Very stable - no settling or separation • Environmentally friendly • Worker friendly • NSF approved |
| Uses | <ul style="list-style-type: none"> • Underbody coating • Pipe and castings coating • General corrosion protection • Moisture barrier |
| Color | Black |
| Finish | Matte |
| Primer | Self-priming |
| Dry Film Thickness (DFT) | 2 - 5 mils per coat |
| Solids Content | 45% by weight 40% by volume |
| Maximum Dry Temperature Resistance | 300°F (149°C) |
| Limitations | Protect from freezing Not for immersion service |

SUBSTRATES & SURFACE PREPARATION

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| All | Substrate must be clean, dry and free of contaminants. |
| Previously Painted Surfaces | Consult with your Sherwin-Williams representative. |

MIXING & THINNING

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| Mixing | Not required |
| Thinning | Generally not required. Product is thixotropic and will thin under shear. If a reduction in static viscosity is desired, agitate to thin. The addition of water is not recommended for spray application. When applying by dip application, the addition of water is recommended to maintain a solids level of 45% by weight in the dip tank. |
| Ratio | Single component |
| Cleanup | Tools and hands should be cleaned with soap and water before the emulsion sets. Dried material can be cleaned with mineral spirits. Spray equipment should be flushed with soapy water then fresh water for short periods of non-use. For longer periods of non-use, a final flush using mineral spirits is recommended. |

APPLICATION GUIDELINES

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| Spray Application Guide | RR&C Ductile Iron Pipe Coating HV is designed for spray application using airless equipment. |
| Airless Spray | For best results under a wide variety of spray conditions, a 30:1 or higher ratio pump is recommended. |
| Tip Size | A 0.021-inch orifice tip size is recommended. |
| Hose L/D | 200 ft (max) x 3/8-inch diameter |
| Whip L/D | 6 ft (max) x 1/4-inch diameter |
| Pump Packings | PTFE/UHMWP packings in the spray pump are recommended. |
| Film Thickness | Non-sagging up to 15 mils WFT on verticals. |
| Brush/Roller | Can be brush or roller applied. |
| Dip Tank | Can be applied in dip tank. |
| Temperature | Use in temperature of 50°F (10°C) or higher for best performance. |
| Dry to Touch | 30 minutes at 77°F (25°C). Dry times are decreased with air movement over the coating. |
| Full Cure | 24 - 48 hours at 77°F (25°C). Cure times are decreased with air movement over the coating. |

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PACKAGING, HANDLING & STORAGE

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| ITEM# | PACKAGING |
| DIPCHV-053-SW | Drum - 53 gallons |
| DIPCHV-275IBC-SW | Tote - 275 gallons |
| Theoretical Coverage Rate | 641 square feet per gallon at 1 mil DFT |
| Storage & Shelf Life | Estimated shelf life is 6 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions. Do not store below 50°F (10°C) or above 110°F (43°C). Protect from freezing. Do not store product outside. |
| <u>SAFETY</u> | |
| Safety | Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using. |
| Ventilation | Use in well ventilated areas. |

TYPICAL PHYSICAL PROPERTIES

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| Density ASTM D1475-13 | 9.1 lbs/gal |
| Solids by weight ASTM D5201-05a | 45% |
| Solids by volume ASTM D5201-05a | 40% |
| Specific gravity | 1.09 |
| Dry-to-touch, 77°F (25°C) ASTM D5895-96 | 30 minutes |
| Full cure, 77°F (25°C) | 24 - 48 hours |
| Viscosity, 77°F (25°C) ASTM D2983-19 | 800 cps |
| Resistance to oils, greases & solvents | Poor |
| VOC ASTM D3960-05 | 0.2 lbs/gal max |

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