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	US Revision: 2
RD-MONOGRAFF HP	Date:04/15/2026
	Supersedes: 05/17/2021
	WE22

DESCRIPTION OF THE PRODUCT

USE: Low VOC, High Performance Waterborne, one-component, acrylic polyurethane designed for interior and exterior applications. Appropriate for use as a primer and top coat for all RD Systems. Monograff HP Clear can be used as a weatherproof coating.

- FEATURES:**
- Good chemical resistance, when using clear or standard colors.
 - Good abrasion resistance
 - Low odor
 - Single package
 - Good UV protection.
 - Fast Dry times
 - Primer on some surfaces or top coat

SUBSTRATES: Anodized Aluminium, Non-Ferrous metals, Brick, concrete, wood, concrete floors and previously painted surfaces. Can also be applied as a top coat over other RD Coating products.

SYSTEM: **Ferrous Metals-in light to moderate aggressive environments**

- RD-Monoguard 3-4mils DFT
- RD-Monograff HP 2-3mils DFT

Ferrous Metals- in aggressive environments

- RD-Monoguard 2 coats at 3-4mils DFT each.
- RD-Monograff HP at 2-3mils DFT

Anodized Aluminium & Non-Ferrous Metals

- 1 or 2 coats depending on the environment and desired finish.

As Topcoat on RD-Monoguard, RD-Elastodeck, RD-Elastometal, or RD-Elastoflex:

- 1 or 2 coats depending on the system.
- As a weatherproof system – 2 coats at 2mils DFT each

APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE: The substrate has to be clean, dry, degreased and free of dust. In some cases light sanding may be required.

APPLICATION CONDITIONS: Environmental Conditions (general requirements):

- The minimum air and substrate temperatures; 45°F for 24 hours.
- The maximum surface temperature; 130°F.
- The maximum relative humidity; 90%.
- Surface temperature must be at least 5°F above the dew point, with no threat of rain for 6 hours.

Note: When used indoors, ventilate very well.

APPLICATION MEANS: Brush, roller or airless spray (tip size: 011-015).

DILUTION: Ready to use, can be diluted up to 10% with water.



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CLEANING OF TOOLS: Water

CONSUMPTION: Theoretical Coverage / 5-Gallon Pail:
As a clear finish coat - 1,865 sq. ft. @ 1.5mils DFT.
As a pigmented finish coat - 1,100 sq. ft. @ 2.5mils DFT.

PARTICULARITIES: Mix well before use.

TECHNICAL DATA

FINISH: Satin / Low Semi-Gloss

COLORS: Stock/Primers: Black and Clear
Topcoats: Can be tinted to most light colors

Note: The addition of tint will reduce the products chemical resistance. In these cases it is recommended to apply a finish coat of RD-Monograff HP Clear.

SOLIDS CONTENT: By weight: 47 % (+/-2%)
By volume: 39% (+/-2%)

VOC CONTENT: Max 50g/L(Clear, Black)

DENSITY: Ca. 1.2 +/- 0.05 g/cm³

FLASH POINT: Non-Flammable

VISCOSITY: 20–30 P (Brookfield 20 Rpm).

DRYING TIME: To Touch: 1-3 hours
To Re-coat: Minimum 3 hours, depending on temperature and humidity. To reach full cure to be resistant to chemicals 1-3 days depending on temperature and humidity.

PACKAGING: 5-Gallon Pails

STORAGE STABILITY: 12 Months, keep away from heat.

SAFETY DATA

The Safety Data Sheet is available on request.

This data is given for information only. Since the manufacturer is not able to check the correct application of the products, they cannot accept any responsibility for it. This technical data sheet replaces all previous editions.