

# 2016 GUERRA PAINT AND PIGMENT CORP. PIGMENT DISPERSIONS

**HANSA 10G**  
 Opacity: L-T  
 Tinting Strength: 2-3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 7-8 M: 6-7 L: 5-6  
 Weatherfastness:  
 F: Yes M: Yes L: No  
 Pigment Class: Monoazo PY3

**DISAZO H10GL**  
 Opacity: L-T  
 Tinting Strength: 2-3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 7-8 M: 6-7 L: 5-6  
 Weatherfastness:  
 F: Yes M: No L: No  
 Pigment Class: Disazo PY113

**QUINOPHTHALONE**  
 Opacity: L  
 Tinting Strength: 3  
 Alkali Resistance: 3-5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: No  
 Pigment Class: Quinophthalone PY138

**QUINOPHTHALONE H.S.**  
 Opacity: L  
 Tinting Strength: 3  
 Alkali Resistance: 3-5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: No  
 Pigment Class: Quinophthalone PY138

**BISMUTH VANADATE**  
 Opacity: H  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Inorganic PY184

**NICKEL TITANATE YELLOW**  
 Opacity: H  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Nickel Antimony Titanium Rutile PY53

**BENZIMIDAZO H4G**  
 Opacity: L  
 Tinting Strength: 2  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Benzimidazolone PY151

**BENZIMIDAZO H3G**  
 Opacity: L  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Benzimidazolone PY154

**BENZIMIDAZO H2G**  
 Opacity: L  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: No  
 Pigment Class: Benzimidazolone PY120

**IRGAZIN 2GLT**  
 Opacity: L  
 Tinting Strength: 3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 7  
 Weatherfastness:  
 F: Yes M: Yes L: No  
 Pigment Class: Isoindoline-Azomethine Type PY109

**CADMIUM YELLOW LIGHT C.P.**  
 Opacity: H  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Inorganic PY35

**CHROMOPHTHAL 3G**  
 Opacity: T-L  
 Tinting Strength: 3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: No L: No  
 Pigment Class: Disazo Condensation PY93

**AZO FGL**  
 Opacity: L  
 Tinting Strength: 3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 7 L: 7  
 Weatherfastness:  
 F: Yes M: Yes L: No  
 Pigment Class: Monoazo PY97

**DALAMAR**  
 Opacity: L  
 Tinting Strength: 3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 7 M: 6 L: 5  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Monoazo PY74

**DALAMAR OPAQUE**  
 Opacity: M  
 Tinting Strength: 3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 7-8 M: 7-8 L: 6-7  
 Weatherfastness:  
 F: Yes M: No L: No  
 Pigment Class: Monoazo PY74

**CADMIUM YELLOW MEDIUM C.P.**  
 Opacity: H  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Inorganic PY35

**CADMIUM litho YELLOW MEDIUM**  
 Opacity: H  
 Tinting Strength: 1  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Inorganic PY35.1

**ZANDERIN GOLDEN**  
 Opacity: L  
 Tinting Strength: 4  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 8 M: 7 L: 7  
 Weatherfastness:  
 F: Yes M: No L: No  
 Pigment Class: Polycyclic PY182

**CADMIUM GOLDEN**  
 Opacity: H  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Inorganic PY37

**CADMIUM litho GOLDEN**  
 Opacity: H  
 Tinting Strength: 1  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Inorganic PY37.1

**DIOXINE**  
 Opacity: L  
 Tinting Strength: 3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Azo Metal Complex PY153

**ANTHRA GOLDEN**  
 Opacity: T  
 Tinting Strength: 2-3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Heterocyclic Anthraquinone PY108

**ANTHRA BRIGHT GOLD**  
 Opacity: T  
 Tinting Strength: 1  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 7 L: 7  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Amino Anthraquinone PY147

**NAPLES YELLOW DEEP (LEAD FREE)**  
 Opacity: M-H  
 Tinting Strength: 1  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes  
 Pigment Class: Chrome Antimony Titanium Buff Rutile PB24

**NICKEL AZO GOLDEN**  
 Opacity: L  
 Tinting Strength: 3  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: No L: No  
 Pigment Class: Azo Metal Complex PY150

**CADMIUM GOLD DEEP**  
 Opacity: H  
 Tinting Strength: 2  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Inorganic PY37

**CADMIUM litho GOLD DARK**  
 Opacity: H  
 Tinting Strength: 1  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Inorganic PY37.1

**DIARYLIDE HR 70**  
 Opacity: M  
 Tinting Strength: 3  
 Alkali Resistance: 4  
 Blue Wool Scale:  
 F: 7-8 M: 7-8 L: 6-7  
 Weatherfastness:  
 F: No M: No L: No  
 Pigment Class: Disazo PY83

Opacity: H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent


Alkali Resistance: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe")

Blue Wool Scale (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

Weatherfastness: F=full tone, M=medium tone, L=light tone. "No" indicates pigments that should not be used outdoors

# 2016 GUERRA PAINT AND PIGMENT CORP. PIGMENT DISPERSIONS

**GOLDEN ARYLIDE**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7 L: 6-7  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Monoazo PY65

**MIDAZO HLR**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Benzimidazolone PY156

**TRANS IRGAZIN GOLDEN**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Isoindoline/Azomethine Type PY110

**IRGAZIN GOLDEN**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Isoindoline PY110

**INDO GOLDEN**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 2  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Isoindoline PY139

**COBALT INDO GOLDEN**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Metal Complex/Isoindoline-Cobalt PY179

**BENZIMIDAZO GOLDEN**



Opacity: L-T  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Benzimidazolone PY181

**FLAVENTHRONE**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 6 M: 7 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Heterocyclic Anthraquinone PY24

**FLAVENTHRONE YELLOW DEEP**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 6 M: 7 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Heterocyclic Anthraquinone PY24

**ORGANIC NICKEL ORANGE**



Opacity: L  
Tinting Strength: 2  
Alkali Resistance: 3  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Metal Complex/Azo Methine PO59

**BENZIMIDAZO ORANGE**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Benzimidazolone PO62

**BENZIMIDAZO ORANGE H4GL**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Benzimidazolone PO72

**PYRROLE ORANGE TRP**



Opacity: T-L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Diketopyrrolo DDP PO71

**CADMIUM ORANGE LIGHT**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PO20


**CADMIUM litho ORANGE LIGHT**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PO20.1

**CADMIUM ORANGE MEDIUM**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PO20.1

**CADMIUM litho ORANGE MEDIUM**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PO20.1

**ISOINDOLINE ORANGE LIGHT**



Opacity: L  
Tinting Strength: 2  
Alkali Resistance: -  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: - M: - L: -

Pigment Class: Isoindoline PO86

**PYRANTHRONE ORANGE**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Polycarboyclic/Anthraquinone PO51

**CADMIUM ORANGE DARK H.S.**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PO20

**CADMIUM litho ORANGE DARK**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PO20.1

**CHROMOPHAL 2G**



Opacity: L  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 5-6  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Isoindoline PO61

**ZANDER ORANGE**



Opacity: M  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Beta Naphthol-Iron Oxide PO5 + PR101


**PERMANENT ORANGE HL**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Benzimidazolone PO36

**CHROMO ORANGE 4R**



Opacity: L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7 M: 6 L: 5  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Disazo Condensation PO20.1

**MIDAZO HGL**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Benzimidazolone PO60


**ISOINDOLINE ORANGE**



Opacity: M  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Isoindoline PO69

**ISOINDOLINE ORANGE DEEP**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Isoindoline-Methine PO69

**Opacity:** H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent

**Alkali Resistance:** 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe")

**Blue Wool Scale** (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

**Weatherfastness:** F=full tone, M=medium tone, L=light tone, "No" indicates pigments that should not be used outdoors

# 2016 GUERRA PAINT AND PIGMENT CORP. PIGMENT DISPERSIONS

**PERINONE ORANGE**



Opacity: L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 6-7 M: 7 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Perinone PO43

**DNA ORANGE**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 4  
Blue Wool Scale:  
F: 6 M: 5 L: 4  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Beta Naphthol POS

**AZO METHINE ORANGE**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Azo Methine/Nickel Complex PO68

**NICKEL ORANGE DEEP**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Metal Complex-Azo Methine PO65

**NAPTHOL RED LIGHT**



Opacity: M-L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7 M: 6-7 L: 6  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Naphthol AS PR188

**ANTHRA RED**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Anthraquinone PR168

**PYRROLE RUBINE TRP**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Diketopyrrolo DDP PR264

**QUINACRIDONE SCARLET**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone POS


**TRANS ANTHRA SCARLET**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Anthraquinone PR168

**ISOINDOLINE RED**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Isoindoline PR260

**PYRAZO-QUINAZO**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 2-3  
Blue Wool Scale:  
F: 7 M: 7 L: 6  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Pyrazoloquinazoline PR252


**CHROMOPHAL SCARLET**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 6-7  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Disazo Condensation PR166


**CHROMOPHAL SCARLET DEEP**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 3  
Blue Wool Scale:  
F: 8 M: 8 L: 7  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Disazo Condensation PR166

**PERYLENE SCARLET**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7 M: 7 L: 6  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Perylene PR123

**CADMIUM RED LIGHT H.S.**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108

**CADMIUM litho RED LIGHT**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108.1

**CADMIUM RED MEDIUM-LIGHT H.S.**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108.1


**CADMIUM litho RED MEDIUM-LIGHT**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108.1

**CADMIUM RED MEDIUM**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108

**INDO DOUBLE SCARLET**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Polycarbocyclic Anthraquinone PR197


**PYRANTHRONE SCARLET DEEP**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Polycarbocyclic Anthraquinone PR226

**PYRANTHRONE RED MEDIUM**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Polycarbocyclic Anthraquinone PR226


**PYRANTHRONE RED DEEP**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Polycarbocyclic Anthraquinone PR216


**NAPTHOL VERMILLION**



Opacity: M  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 6-7 L: 5  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Monoazo PR112

**NAPTHOL BRILLIANT**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7 L: 6  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Naphthol AS PR170

**PYRROLE RED BO**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Diketopyrrolo DPP PR254

**IRGAZIN RED MEDIUM**



Opacity: M-L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Naphthol AS PR223

**CHROMOPHAL GR**



Opacity: M-L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Disazo Condensation PR139

**Opacity:** H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent

**Alkali Resistance:** 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe")

**Blue Wool Scale** (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

**Weatherfastness:** F=full tone, M=medium tone, L=light tone, "No" indicates pigments that should not be used outdoors

# 2016 GUERRA PAINT AND PIGMENT CORP. PIGMENT DISPERSIONS

**CHROMOPHAL BR**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: -  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Disazo Condensation PR144

**PERYLENE RED BL**



Opacity: T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7-8 L: 6-7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Perylene PR149

**PERYLENE CRIMSON**



Opacity: M  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7 L: 6-7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Perylene PR178

**VAT PERINONE**



Opacity: L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7-8 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Perinone PR194

**RED HOT HFT**



Opacity: T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 7  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Benzimidazalone PR175

**SANDORIN BN**



Opacity: M-L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7 L: 7  
Weatherfastness:  
F: Yes M: No L: No

Pigment Class: Disazo Condensation PR214

**ALIZARINE RED**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 4  
Blue Wool Scale:  
F: 7-8 M: 6-7 L: 6  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Naphthol AS PR7

**POLY RED EBR**



Opacity: M-L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Polycyclic PR204

**TRANS QUIN RED YELLOW**



Opacity: VT  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV19

**TRANS QUIN RED BLUE**



Opacity: VT  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV42

**QUINACRIDONE PYRROLE**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV19+PR254

**QUINACRIDONE RED**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 4  
Blue Wool Scale:  
F: 8 M: 7-8 L: 7-8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV19

**QUINACRIDONE 195**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7-8 L: 7-8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV195

**QUINACRIDONE ROSE RED**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7-8 L: 7-8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV19

**QUINACRIDONE PINK MADDER**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV42

**QUINACRIDONE ROSE MADDER**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7-8 L: 7-8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV42

**QUINACRIDONE MAGENTA**



Opacity: L-T  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PR202

**QUINACRIDONE PINK MAGENTA**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7-8 L: 7-8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PR122

**ANTHRAQUINONE RED**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Amino Anthraquinone PR177


**AZOIC CARMINE**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7-8 M: 7 L: 6-7  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Benzimidazalone PR185

**PERYLENE CARMINE**



Opacity: M  
Tinting Strength: 3-4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Perylene PR179

**MAYAN CARMINE**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 7 M: 6-7 L: 6  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Benzimidazalone PR176

**THIO RUBY RED**



Opacity: M-L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 7-8 L: 7-8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Thioindogoid PR88

**CADMIUM RED DARK H.S.**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108

**CADMIUM litho RED DARK**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108.1

**CADMIUM litho MAROON**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Inorganic PR108.1

**PERYLENE MAROON**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Perylene PR179

**PERRINDO MAROON**



Opacity: L-T  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Perylene PR179

Opacity: H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent

Alkali Resistance: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe")

Blue Wool Scale (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

Weatherfastness: F=full tone, M=medium tone, L=light tone, "No" indicates pigments that should not be used outdoors

# 2016 GUERRA PAINT AND PIGMENT CORP. PIGMENT DISPERSIONS


**VAT BORDEAUX**



Opacity: L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7-8 L: 7  
Weatherfastness: F: Yes M: No L: No

Pigment Class: Perinone PR194

**QUINACRIDONE VIOLET**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 7-8 M: 7-8 L: 7-8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV19

**THIO RED VIOLET**



Opacity: L  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7-8 L: 7-8  
Weatherfastness: F: Yes M: No L: No

Pigment Class: Thioindogold PR88

**THIO VIOLET**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7 L: 6  
Weatherfastness: F: Yes M: No L: No

Pigment Class: Thioindogold PV36

**ORGANIC NICKEL VIOLET**



Opacity: L  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: No

Pigment Class: Metal Complex/Azo Methine PR257

**AZOIC PLUM VIOLET**



Opacity: T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7 L: 6  
Weatherfastness: F: Yes M: No L: No

Pigment Class: Benzimidazolone PR171

**PERRINDO VIOLET**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: No M: No L: No

Pigment Class: Perylene PV29

**ANTHRAQUINONE VIOLET**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: No M: No L: No

Pigment Class: Perylene PV29+ VINYL FILLER

**DIOXAZINE VIOLET**



Opacity: M  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7-8 L: 7-8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Polycyclic PV23

**DIOXAZINE RED VIOLET**



Opacity: M  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7-8 L: 7-8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Polycyclic PV37

**ECONO DIOX VIOLET**  
(LOWER CONCENTRATION)



Opacity: M  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7-8 L: 7-8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Polycyclic PV23

**ULTRAMARINE VIOLET**



Opacity: L  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: No M: No L: No

Pigment Class: Inorganic PV15

**QUINACRIDONE VIOLET 55**



Opacity: T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 7-8 M: 7-8 L: 7-8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Quinacridone PV55

**ULTRAMARINE R9**



Opacity: M-L  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: No M: No L: No

Pigment Class: Inorganic PB29

**ULTRAMARINE R8**



Opacity: M-L  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: No M: No L: No

Pigment Class: Inorganic PB29

**ULTRAMARINE MEDIUM**



Opacity: M-L  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: No M: No L: No

Pigment Class: Inorganic PB29

**ULTRAMARINE DEEP**



Opacity: M-L  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: No M: No L: No

Pigment Class: Inorganic PB29

**COBALT BLUE MEDIUM**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Cobalt Aluminate Blue Spinel PB28

**COBALT BLUE DARK**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Cobalt Aluminate Blue Spinel PB28

**COBALT BLUE GREEN**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Cobalt Aluminate Blue Spinel PB36

**CERULEAN BLUE MEDIUM**



Opacity: H-M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Cobalt Tin/Blue-Gray Spinel PB35

**PTHALO BLUE RED**



Opacity: L-T  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Phthalocyanine PB15

**PTHALO BLUE GREEN**



Opacity: L-T  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Phthalocyanine PB15.3

**TETRACHLORO PERYWINKLE**



Opacity: VT  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Tetra-Chloro Phthalocyanine PB15.1

**PTHALO DIOXAZINE**



Opacity: L  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 7-8 L: 7-8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Phthalocyanine/Polycyclic PB15.6+PV23

**INDANTHRONE BLUE RED**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Heterocyclic Anthraquinone PB60

**INDO BLUE**



Opacity: L-T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Heterocyclic Anthraquinone PB60

**INDANTHRONE BLUE GREEN**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Heterocyclic Anthraquinone PB60

Opacity: H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent

Alkali Resistance: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe")

Blue Wool Scale (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

Weatherfastness: F=full tone, M=medium tone, L=light tone, "No" indicates pigments that should not be used outdoors

# 2016 GUERRA PAINT AND PIGMENT CORP. PIGMENT DISPERSIONS

**BENZIMIDAZO R5R**



Opacity: M-T  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Benzimidazolone PB80

**COBALT TITANATE BLUE GREEN**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PB36

**COBALT BERMUDA BLUE**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PB28

**PTHALO TURQUOISE**



Opacity: L-T  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Phthalocyanine PG7

**PTHALO TEAL**



Opacity: VT  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Phthalocyanine PB16

**PTHALO GREEN BLUE**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Phthalocyanine PG7

**PTHALO GREEN YELLOW**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Phthalocyanine PG36


**SAP GREEN**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Calcined Iron Oxide/Phthalocyanine PB7+PG36

**HOOKERS GREEN**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 5-6 M: 4 L: 2  
Weatherfastness: F: Yes M: No L: No

Pigment Class: Metal Complex/Nickel Azo PG8

**COBALT GREEN BLUE**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PG26

**COBALT CHROMITE DARK**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PG26

**COBALT FOREST GREEN**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PG26

**COBALT GREEN YELLOW**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PG50

**COBALT NICKEL GREEN**



Opacity: M  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PG50

**CHROMIUM OXIDE LIGHT**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic PG17

**CRAP GREEN**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Inorganic MIXED COBALT

**PERYLENE GREEN BLACK**



Opacity: L-T  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: No

Pigment Class: Perylene PBK31

**AZO METHINE DARK**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Metal Complex/Nickel Azo PG10

**AZO METHINE MEDIUM**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Metal Complex/Azo Methine PY117

**NICKEL AZO DARK**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 4  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Metal Complex/Nickel Azo PG10

**NICKEL AZO**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 4  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Metal Complex/Nickel Azo PG10

**NICKEL AZO XTRA**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 4  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Metal Complex/Nickel Azo PG10

**GREEN EARTH**



Opacity: VT  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Rare Italian Earth (Terra Verde) PG23

**CAT-TAIL BROWN**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Calcined Iron Oxide PB7

**YELLOW GOLD**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Calcined Iron Oxide PY42

**RED GOLD**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: Yes

Pigment Class: Calcined Iron Oxide PR101

**QUINACRIDONE GOLD**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: No

Pigment Class: Quinacridone-Quinone PO49

**QUINACRIDONE RED GOLD**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale: F: 8 M: 8 L: 8  
Weatherfastness: F: Yes M: Yes L: No

Pigment Class: Quinacridone-Quinone PO49+PR206

Opacity: H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent;

Alkali Resistance: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe");

Blue Wool Scale (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

Weatherfastness: F=full tone, M=medium tone, L=light tone, "No" indicates pigments that should not be used outdoors

# 2016 GUERRA PAINT AND PIGMENT CORP. PIGMENT DISPERSIONS

**QUINACRIDONE ORANGE**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: No

Pigment Class: Quinacridone-Quinone PB47

**QUINACRIDONE RUSSET**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 4  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Quinacridone-Quinone PR206

**BENZIMIDAZO BROWN**



Opacity: T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Benzimidazolone PBR25

**AZO GOLDEN BROWN**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Disazo Condensation PBR42

**AZO RUSSET**



Opacity: L-T  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Disazo Condensation PBR23

**YELLOW OXIDE LIGHT**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Iron Oxide PY42

**YELLOW OCHRE**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Earth PY42

**RAW SIENNA**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Earth PY43

**BURNT SIENNA**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Earth PBR7

**RAW UMBER**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Earth PBR7

**BURNT UMBER**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Earth PBR7

**BURNT UMBER XTRA DARK**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Earth PBR7

**VAN DYKE BROWN**



Opacity: T  
Tinting Strength: 2  
Alkali Resistance: -  
Blue Wool Scale:  
F: 5 M: 4 L: 1  
Weatherfastness:  
F: No M: No L: No

Pigment Class: Natural Brown PB8

**MANGANESE BROWN**



Opacity: H  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic PY164

**ORANGE OXIDE**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Iron Oxide PY42

**RED OXIDE LIGHT**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Iron Oxide PR101


**RED OXIDE MEDIUM**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Iron Oxide PR101

**CRIMSON OXIDE**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Iron Oxide PR101

**RED BROWN OXIDE**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Iron Oxide PR101-MIXED

**MARS BLACK RED**



Opacity: H  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Iron Oxide PBK12


**TRANSPARENT MARS BLACK**



Opacity: T  
Tinting Strength: 1  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Calcined Iron Oxide PBK11

**CARBON BLACK**



Opacity: H  
Tinting Strength: 4  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic-Carbon PBK7

**CHANNEL BLACK**



Opacity: H  
Tinting Strength: 5  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic-Carbon PBK7


**BONE BLACK**



Opacity: M  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic PBK9


**LIQUID GRAPHITE**



Opacity: M  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic-Carbon Graphite PBK10

**TITANIUM BUFF**



Opacity: H  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic PW6


**ZINC WHITE**



Opacity: M-L  
Tinting Strength: 2  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic PW4

**TITANIUM WHITE**



Opacity: H  
Tinting Strength: 3  
Alkali Resistance: 5  
Blue Wool Scale:  
F: 8 M: 8 L: 8  
Weatherfastness:  
F: Yes M: Yes L: Yes

Pigment Class: Inorganic PW6

Opacity : H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent;

Alkali Resistance: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe");

Blue Wool Scale (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

Weatherfastness: F=full tone, M=medium tone, L=light tone, "No" indicates pigments that should not be used outdoors

# 2016 GUERRA PAIN AND PIGMENT CORP. PIGMENT DISPERSIONS

## TRANSPARENT TITANIUM WHITE

Opacity: VT  
 Tinting Strength: 1  
 Alkali Resistance: 5  
 Blue Wool Scale:  
 F: 8 M: 8 L: 8  
 Weatherfastness:  
 F: Yes M: Yes L: Yes

Pigment Class: Inorganic

PW6

## FLUORESCENT PINK



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 2  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

## FLUORESCENT MAGENTA



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

## FLUORESCENT RED



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

## FLUORESCENT ORANGE



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

## FLUORESCENT YELLOW



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

## FLUORESCENT GREEN



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

## FLUORESCENT BLUE



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

## FLUORESCENT VIOLET



Dye on Insoluble Resin

Opacity: L-T  
 Tinting Strength: 1  
 Alkali Resistance: 3  
 Blue Wool Scale:  
 F: 2 M: 2 L: 2  
 Weatherfastness:  
 F: No M: No L: No

**Opacity:** H=High, M=Medium, L=Low, T=Transparent, VT=Very Transparent; Tinting Strength: 1=poor, 2=fair, 3=good, 4=very good, 5=excellent;

**Alkali Resistance:** 1=poor, 2=fair, 3=good, 4=very good, 5=excellent (Alkali Resistance does not mean "Lime Safe");

**Blue Wool Scale** (Industrial System to measure Lightfastness): F=full tone, M=medium tone, L=light tone, 1=very poor, 2=poor, 3=poor/fair, 4=fair, 5=good, 6=very good, 7=excellent, 8=outstanding

**Weatherfastness:** F=full tone, M=medium tone, L=light tone, "No" indicates pigments that should not be used outdoors