

**Regular Line Paint Formulations Approved for 2025/26 Construction Season**

TEST METHODS			TOLERANCE	PPG White Paint Formulation EF- 61-0150 (Tested 2024/25)	PPG Yellow Paint Formulation EF- 62-0150 (Tested 2024/25)	PPG White Paint Formulation EF- 61-0140 (Tested 2023/24)	PPG Yellow Paint Formulation EF- 62-0140 (Tested 2023/24)	Ozark Materials White Paint Formulation 17251C (Tested 2023/24)	Ozark Materials Yellow Paint Formulation 27251C (Tested 2023/24)	Ozark Materials White Paint Formulation 17251E (Tested 2024/25)	Ozark Materials Yellow Paint Formulation 27251E (Tested 2025/26)	PolyMight International Inc. White Paint Formulation 10- 3002 (Tested 2024/25)	PolyMight International Inc. Yellow Paint Formulation 10- 3001 (Tested 2024/25)
				Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint
Relative Density	ASTM D1475	(25/25°C)	±0.050	1.644	1.582	1.681	1.649	1.662	1.653	1.679	1.639	1.607	1.612
Viscosity	ASTM D562	(Krebs)	±5	81.5	82.3	78.0	79.0	82.2	82.7	88.3*	87.6*	80.3	81.5
Drying Time(minutes)	ASTM D1640	Set to Touch	±2 min.	2.4	2.9	2.8	2.4	2.4	2.9	2.8	2.3	2.5	2.1
Drying Time(minutes)	ASTM D711	Dry to Traffic	±20 %	7.6	8.7	8.2	7.5	8.9	10.5	8.8	7.2	8.1	6.7
Non-Volatile Content	CGSB 1-GP-71(17.1)	(% wt.)	±2 % (absolute)	78.0	76.8	79.4	79.6	76.0	76.2	77.3	77.1	74.8	76.7
Pigment Content	CGSB 1-GP-71(21.1)	(% wt.)	±2 % (absolute)	59.5	55.1	62.2	60.4	62.0	60.7	61.8	59.0	57.6	58.0
Non-Volatile Vehicle	CGSB 1-GP-71(19.1)	(% wt.)	±2 % (absolute)	18.5	21.7	17.2	19.2	14.0	15.5	15.5	18.1	17.2	18.7
Colour (Yellow)	CGSB 1-GP-12C	(505-308)	Match	-	Lighter	-	Match	-	Match	-	Lighter	-	Match
Bleeding	ASTM D868, D969	(contrast)	±1	7	7	7	7	7	8	7	7	7	8
BYK Gardner Color Guide Model #6805	ASTM E313	Brightness	±5 %	87.10	49.02	83.50	49.67	81.45	49.48	88.76	49.98	84.74	48.12
		Yellowness (White)	±10%	2.53	83.04	3.10	82.34	2.80	85.65	2.83	84.63	4.40	83.08
Flexibility	ASTM D522	(mm)	±20 %	0	0.0	0.0	0.0	0.0	0.0	8	0.0	0.0	0.0
Gloss	ASTM D523	(60°)	±3	2.8	1.9	2.7	1.8	2.5	1.7	2.6	1.7	2.6	1.7
Abrasion Resistance	ASTM D4060	(mg)	90 - 120 %	135.3 <sup>#</sup>	106.2	125.7	126.6 <sup>#</sup>	151.1 <sup>#</sup>	135.1 <sup>#</sup>	126.8 <sup>#</sup>	136.4 <sup>#</sup>	98.1	138.0 <sup>#</sup>
Abrasion Resistance	ASTM D968	(l/mil)	90 - 120 %	-	-	-	-	-	-	-	-	-	-
Particle Coarseness	ASTM D185	(% retained 45 µm)	±0.3 % (absolute)	0.10	0.09	0.08	0.08	0.13	0.08	0.30	0.33	0.13	0.09
Fineness of Grind	ASTM D1210	(Hegman)	±1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Water Resistance	ASTM D870		±1	6F	8M	8F	8F	8F	8F	6F	8F	8F	8F
Water Content	CGSB 1-GP-71(24.1)	(%)	±0.2 % (absolute)	18.5	22.0	20.2	20.2	24.0	22.8	20.0	20.4	22.2	21.2
Flash Point	CGSB 1-GP-71(3.1)			Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible
Six Month Settlement	ASTM D869	(0-10)	5 minimum	8	8	10	10	10	8	8	10	10	10

Notes:

- \* Viscosity may be of concern
- # Bleeding may be of concern
- ‡ Particle Coarseness may be of concern
- Could be a storage issue
- Low Abrasive Resistance may be of concern

TEST METHODS			TOLERANCE	International Striping Products (ISP) White Paint Formulation KW-1801 (Tested 2024/25)	International Striping Products (ISP) Yellow Paint Formulation KY-1801 (Tested 2024/25)	International Striping Products (ISP) White Paint Formulation KW-1802 (Tested 2024/25)	International Striping Products (ISP) Yellow Paint Formulation KY-1802 (Tested 2024/25)	Sherwin Williams White Paint Formulation AB2023W01 (Tested 2023/24)	Sherwin Williams Yellow Paint Formulation AB2023Y01 (Tested 2023/24)	Sherwin Williams White Paint Formulation AB2023W02 (Tested 2023/24)	Sherwin Williams Yellow Paint Formulation AB2023Y02 (Tested 2023/24)	Cloverdale Paints White Paint Formulation 62352 (Tested 2023/24)	Cloverdale Paints Yellow Paint Formulation 62353 (Tested 2023/24)
				Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint
Relative Density	ASTM D1475	(25/25°C)	±0.050	1.678	1.643	1.720	1.683	1.680	1.664	1.705	1.671	1.653	1.610
Viscosity	ASTM D562	(Krebs)	±5	79.7	77.8	79.0	78.8	82.3	82.7	86.4*	84.6	85.0	80.4
Drying Time(minutes)	ASTM D1640	Set to Touch	±2 min.	4.6	4.0	4.0	4.3	2.2	2.9	2.2	2.7	2.9	2.8
Drying Time(minutes)	ASTM D711	Dry to Traffic	±20 %	16.5	14.0	15.3	14.6	7.7	8.8	7.5	8.6	8.6	8.5
Non-Volatile Content	CGSB 1-GP-71(17.1)	(% wt.)	±2 % (absolute)	77.8	77.5	78.2	77.9	78.7	78.8	79.1	79.1	77.2	76.5
Pigment Content	CGSB 1-GP-71(21.1)	(% wt.)	±2 % (absolute)	61.6	59.6	64.8	62.6	61.7	60.6	62.5	61.0	60.8	76.5
Non-Volatile Vehicle	CGSB 1-GP-71(19.1)	(% wt.)	±2 % (absolute)	16.2	17.9	13.4	15.3	17.0	18.2	16.6	18.1	16.4	0.0
Colour (Yellow)	CGSB 1-GP-12C	(505-308)	Match	–	Match	–	Match	–	Match	–	Match	–	Much Lighter
Bleeding	ASTM D868, D969	(contrast)	±1	7	7	8	7	6	8	6	8	7	7
BYK Gardner Color Guide Model #6805	ASTM E313	Brightness	±5 %	85.93	53.05	86.76	53.68	89.03	48.29	89.69	52.61	84.42	49.02
		Yellowness (White)	±10%	2.42	84.19	2.73	87.85	3.15	84.40	3.18	82.46	3.16	86.80
Flexibility	ASTM D522	(mm)	±20 %	8.0	0.0	0.0	15.0	0.0	0.0	0	0.0	0.0	0.0
Gloss	ASTM D523	(60°)	±3	2.7	1.9	2.8	1.9	3.0	2.0	2.9	1.9	2.7	1.8
Abrasion Resistance	ASTM D4060	(mg)	90 - 120 %	151.5 <sup>■</sup>	136.7 <sup>■</sup>	138.8 <sup>■</sup>	122.8 <sup>■</sup>	128.3 <sup>■</sup>	131.0 <sup>■</sup>	128.2 <sup>■</sup>	122.5 <sup>■</sup>	112.6	131.3
Abrasion Resistance	ASTM D968	(l/mil)	90 - 120 %	–	–	–	–	–	–	–	–	–	–
Particle Coarseness	ASTM D185	(% retained 45 µm)	±0.3 % (absolute)	0.06	0.09	0.05	0.08	0.84 <sup>‡</sup>	1.29 <sup>‡</sup>	0.84 <sup>‡</sup>	1.23 <sup>‡</sup>	0.08	0.24
Fineness of Grind	ASTM D1210	(Hegman)	±1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Water Resistance	ASTM D870		±1	8F	8F	8F	8F	8F	8F	8F	8F	8M	8F
Water Content	CGSB 1-GP-71(24.1)	(%)	±0.2 % (absolute)	22.0	20.8	20.8	20.2	19.6	19.8	19.0	21.0	17.8	20.0
Flash Point	CGSB 1-GP-71(3.1)			Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible
Six Month Settlement	ASTM D869	(0-10)	5 minimum	8	8	8	8	10	8	8	8	8	9

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				VantacITS Group	VantacITS Group	VantacITS Group	VantacITS Group	LaFrentz Pavement	LaFrentz Pavement	LaFrentz Pavement	LaFrentz Pavement	PolyMight International Inc.	PolyMight International Inc.
TEST METHODS			TOLERANCE	White Paint Formulation VGWB01W (Tested 2023/24)	Yellow Paint Formulation VGWB01Y (Tested 2023/24)	White Paint Formulation VGWB020W (Tested 2023/24)	Yellow Paint Formulation VGWB020Y (Tested 2023/24)	White Paint Formulation 500010 (Tested 2023/24)	Yellow Paint Formulation 500020 (Tested 2023/24)	White Paint Formulation 500302 (Tested 2023/24)	Yellow Paint Formulation 500303 (Tested 2023/24)	White Paint Formulation 10-3006 (Tested 2024/25)	Yellow Paint Formulation 10-3005 (Tested 2024/25)
				Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint	Waterborne Paint
Relative Density	ASTM D1475	(25/25°C)	±0.050	1.616	1.503	1.576	1.504	1.601	1.524	1.517	1.432	1.619	1.572
Viscosity	ASTM D562	(Krebs)	±5	79.7	82.0	77.8	77.6	82.5	81.3	93.3*	98.0*	79.0	77.0
Drying Time(minutes)	ASTM D1640	Set to Touch	±2 min.	2.8	3.1	2.6	2.6	4.5	3.2	2.7	2.2	2.7	2.2
Drying Time(minutes)	ASTM D711	Dry to Traffic	±20 %	11.0	12.3	9.3	8.7	28.3*	9.4	15.3	8.1	8.9	7.0
Non-Volatile Content	CGSB 1-GP-71(17.1)	(% wt.)	±2 % (absolute)	77.4	75.8	75.9	75.3	70.2	70.0	73.4	73.4	75.8	74.8
Pigment Content	CGSB 1-GP-71(21.1)	(% wt.)	±2 % (absolute)	57.7	50.5	54.5	51.3	56.2	51.4	58.6	54.9	58.3	55.4
Non-Volatile Vehicle	CGSB 1-GP-71(19.1)	(% wt.)	±2 % (absolute)	19.7	25.3	21.4	24.0	14.0	18.6	14.8	18.5	17.5	19.4
Colour (Yellow)	CGSB 1-GP-12C	(505-308)	Match	–	Much Lighter	–	Much Lighter	–	Much Lighter	–	Much Lighter	–	Match
Bleeding	ASTM D868, D969	(contrast)	±1	6	6	7	7	6	8	4#	6	7	7
BYK Gardner Color Guide Model #6805	ASTM E313	Brightness	±5 %	83.11	47.52	85.27	44.84	83.81	53.51	82.63	42.24	85.17	78.82
		Yellowness (White)	±10%	2.82	85.80	3.34	85.80	2.07	80.52	3.25	79.43	3.51	83.00
Flexibility	ASTM D522	(mm)	±20 %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gloss	ASTM D523	(60°)	±3	2.8	2.0	3.0	2.1	2.4	1.9	2.8	4.9	2.6	1.9
Abrasion Resistance	ASTM D4060	(mg)	90 - 120 %	116.6	107.6	145.9	106.3	128.5	107.8	321.0 <sup>■</sup>	305.1 <sup>■</sup>	98.0	117.9
Abrasion Resistance	ASTM D968	(l/mil)	90 - 120 %	–	–	–	–	–	–	–	–	–	–
Particle Coarseness	ASTM D185	(% retained 45 µm)	±0.3 % (absolute)	0.07	0.22	0.07	0.18	0.18	0.15	0.18	0.27	0.28	0.37
Fineness of Grind	ASTM D1210	(Hegman)	±1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Water Resistance	ASTM D870		±1	8F	8M	6F	8D	8F	8M	8F	8F	8F	8F
Water Content	CGSB 1-GP-71(24.1)	(%)	±0.2 % (absolute)	19.2	21.0	24.4	23.2	26.4	23.2	Trace	Trace	22.8	24.0
Flash Point	CGSB 1-GP-71(3.1)	(°C)		Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	Non-combustible	1.0	4.0	Non-combustible	Non-combustible
Six Month Settlement	ASTM D869	(0-10)	5 minimum	7	6	6	5*	7	8	6	6	10	10

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