

AlphaGuard™ PUMA Cold Weather Mixing Charts

ALPHAGUARD PUMA BASE COAT MIXING CHART

AlphaGuard PUMA Base Coat Amount	AlphaGuard PUMA Cold Weather Catalyst & PUMA Powder Catalyst Amounts by Temperature Ranges																													
	32°F (0°C)			14°F (-10°C)			5°F (-15°C)			-4°F (-20°C)			-22°F (-30°C)																	
	0% Cold Weather Catalyst	12% PUMA Catalyst		1.05% Cold Weather Catalyst	10% PUMA Catalyst		1.4% Cold Weather Catalyst	10% PUMA Catalyst		2.1% Cold Weather Catalyst	10% PUMA Catalyst		3% Cold Weather Catalyst	10% PUMA Catalyst																
	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g															
½ gal (5.64 lbs) 1.89 L (2.55 kg)	0.00	0.00	0.00	11	0.67	306	0.94	0.06	27	9	0.56	255	1.26	0.08	36	9	0.56	255	1.89	0.12	54	9	0.56	255	2.70	0.17	77	9	0.56	255
1 gal (11.28 lbs) 3.78 L (5.11 kg)	0.00	0.00	0.00	22	1.35	613	1.89	0.12	54	18	1.13	511	2.52	0.16	72	18	1.13	511	3.79	0.24	107	18	1.13	511	5.41	0.34	153	18	1.13	511
3 gal (33.84 lbs) 11.34 L (15.35 kg)	0.00	0.00	0.00	65	4.06	1,842	5.69	0.36	161	54	3.38	1,535	7.58	0.47	215	54	3.38	1,535	11.37	0.71	322	54	3.38	1,535	16.24	1.02	461	54	3.38	1,535
6 gal (67.68 lbs) 22.68 L (30.70 kg)	0.00	0.00	0.00	130	8.12	3,684	11.37	0.71	322	108	6.77	3,070	15.16	0.95	430	108	6.77	3,070	22.74	1.42	645	108	6.77	3,070	32.49	2.03	921	108	6.77	3,070

*** YOU MUST MIX COLD WEATHER CATALYST INTO THE RESIN PRIOR TO ADDING THE POWDER PUMA CATALYST!**
* Follow precise catalyst quantities for cold weather applications.

ALPHAGUARD PUMA TOP COAT MIXING CHART

AlphaGuard PUMA Top Coat Amount	AlphaGuard PUMA Cold Weather Catalyst & PUMA Powder Catalyst Amounts by Temperature Ranges																													
	32°F (0°C)			14°F (-10°C)			5°F (-15°C)			-4°F (-20°C)			-22°F (-30°C)																	
	0% Cold Weather Catalyst	12% PUMA Catalyst		1.05% Cold Weather Catalyst	10% PUMA Catalyst		1.4% Cold Weather Catalyst	10% PUMA Catalyst		2.1% Cold Weather Catalyst	10% PUMA Catalyst		3% Cold Weather Catalyst	10% PUMA Catalyst																
	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g															
½ gal (4.56 lbs) 1.89 L (2.06 kg)	0.00	0.00	0.00	10	0.54	247	0.76	0.05	22	7	0.45	206	1.02	0.06	29	7	0.45	206	1.53	0.10	43	7	0.45	206	2.18	0.14	62	7	0.45	206
1 gal (9.12 lbs) 3.78 L (4.13 kg)	0.00	0.00	0.00	20	1.09	496	1.53	0.10	43	15	0.91	413	2.04	0.13	58	15	0.91	413	3.06	0.19	87	15	0.91	413	4.37	0.27	124	15	0.91	413
3 gal (27.36 lbs) 11.34 L (12.41 kg)	0.00	0.00	0.00	60	3.28	1,489	4.60	0.29	130	44	2.74	1,241	6.13	0.38	174	44	2.74	1,241	9.19	0.57	261	44	2.74	1,241	13.13	0.82	372	44	2.74	1,241
6 gal (54.72 lbs) 22.68 L (24.82 kg)	0.00	0.00	0.00	105	6.57	2,978	9.19	0.57	261	88	5.47	2,482	12.26	0.77	347	88	5.47	2,482	18.39	1.15	521	88	5.47	2,482	26.26	1.64	745	88	5.47	2,482

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ALPHAGUARD PUMA CLEAR COAT MIXING CHART

AlphaGuard PUMA Clear Coat Amount	AlphaGuard PUMA Cold Weather Catalyst & PUMA Powder Catalyst Amounts by Temperature Ranges														
	32°F (0°C)			14°F (-10°C)			5°F (-15°C)			-4°F (-20°C)			-22°F (-30°C)		
	0.7% Cold Weather Catalyst	12% PUMA Catalyst		1.4% Cold Weather Catalyst	12% PUMA Catalyst		2.1% Cold Weather Catalyst	12% PUMA Catalyst		2.8% Cold Weather Catalyst	12% PUMA Catalyst		4.2% Cold Weather Catalyst	12% PUMA Catalyst	
	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g
½ gal (4.08 lbs) 1.89 L (1.85 kg)	0.00	0.00	0.00	9	0.49	222									
1 gal (8.17 lbs) 3.78 L (3.70 kg)	0.00	0.00	0.00	18	0.98	444									
3 gal (24.51 lbs) 11.34 L (11.11 kg)	0.00	0.00	0.00	53	2.94	1,333									
6 gal (49.02 lbs) 22.68 L (22.23 kg)	0.00	0.00	0.00	94	5.88	2,668									

Contact Tremco Product Group for information.

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ALPHAGUARD PUMA PRIMER-107 MIXING CHART

AlphaGuard PUMA Primer-107 Amount	AlphaGuard PUMA Cold Weather Catalyst & PUMA Powder Catalyst Amounts by Temperature Ranges																													
	32°F (0°C)			14°F (-10°C)			5°F (-15°C)			-4°F (-20°C)			-22°F (-30°C)																	
	0.7% Cold Weather Catalyst	12% PUMA Catalyst		1.4% Cold Weather Catalyst	12% PUMA Catalyst		2.1% Cold Weather Catalyst	12% PUMA Catalyst		2.8% Cold Weather Catalyst	12% PUMA Catalyst		4.2% Cold Weather Catalyst	12% PUMA Catalyst																
	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g															
½ gal (4.13 lbs) 1.89 L (1.87 kg)	0.46	0.03	13	9	0.49	224	0.92	0.06	26	8	0.49	224	1.39	0.09	39	8	0.49	224	1.85	0.12	52	8	0.49	224	2.77	0.17	79	8	0.49	224
1 gal (8.26 lbs) 3.78 L (3.74 kg)	0.92	0.06	26	18	0.99	449	1.85	0.12	52	16	0.99	449	2.77	0.17	79	16	0.99	449	3.69	0.23	105	16	0.99	449	5.54	0.35	157	16	0.99	449
3 gal (24.78 lbs) 11.34 L (11.24 kg)	2.78	0.17	79	54	2.97	1,349	5.55	0.35	157	48	2.97	1,349	8.33	0.52	236	48	2.97	1,349	11.10	0.69	315	48	2.97	1,349	16.65	1.04	472	48	2.97	1,349
6 gal (49.56 lbs) 22.68 L (22.48 kg)	5.55	0.35	157	95	5.95	2,698	11.10	0.69	315	95	5.95	2,698	16.65	1.04	472	95	5.95	2,698	22.20	1.39	629	95	5.95	2,698	33.30	2.08	944	95	5.95	2,698

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AlphaGuard™ PUMA Cold Weather Mixing Charts

ALPHAGUARD PUMA THIX MIXING CHART

AlphaGuard PUMA THIX Amount	AlphaGuard PUMA Cold Weather Catalyst & PUMA Powder Catalyst Amounts by Temperature Ranges																													
	32°F (0°C)						14°F (-10°C)						5°F (-15°C)						-4°F (-20°C)						-22°F (-30°C)					
	0% Cold Weather Catalyst			12% PUMA Catalyst			1.05% Cold Weather Catalyst			10% PUMA Catalyst			1.4% Cold Weather Catalyst			10% PUMA Catalyst			2.1% Cold Weather Catalyst			10% PUMA Catalyst			3% Cold Weather Catalyst			10% PUMA Catalyst		
	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g			
½ gal (5.64 lbs) 1.89 L (2.55 kg)	0.00	0.00	0.00	12	0.67	306	0.94	0.06	27	9	0.56	255	1.26	0.08	36	9	0.56	255	1.89	0.12	54	9	0.56	255	2.70	0.17	77	9	0.56	255
1 gal (11.28 lbs) 3.78 L (5.11 kg)	0.00	0.00	0.00	25	1.35	613	1.89	0.12	54	18	1.13	511	2.52	0.16	72	18	1.13	511	3.79	0.24	107	18	1.13	511	5.41	0.34	153	18	1.13	511
3 gal (33.84 lbs) 11.34 L (15.35 kg)	0.00	0.00	0.00	74	4.06	1,842	5.69	0.36	161	54	3.38	1,535	7.58	0.47	215	54	3.38	1,535	11.37	0.71	322	54	3.38	1,535	16.24	1.02	461	54	3.38	1,535
6 gal (67.68 lbs) 22.68 L (30.70 kg)	0.00	0.00	0.00	130	8.12	3,684	11.37	0.71	322	108	6.77	3,070	15.16	0.95	430	108	6.77	3,070	22.74	1.42	645	108	6.77	3,070	32.49	2.03	921	108	6.77	3,070

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ALPHAGUARD PUMA QUICK FLASH MIXING CHART

AlphaGuard PUMA Quick Flash Amount	AlphaGuard PUMA Cold Weather Catalyst & PUMA Powder Catalyst Amounts by Temperature Ranges																													
	32°F (0°C)						14°F (-10°C)						5°F (-15°C)						-4°F (-20°C)						-22°F (-30°C)					
	0% Cold Weather Catalyst			12% PUMA Catalyst			1.05% Cold Weather Catalyst			10% PUMA Catalyst			1.4% Cold Weather Catalyst			10% PUMA Catalyst			2.1% Cold Weather Catalyst			10% PUMA Catalyst			3% Cold Weather Catalyst			10% PUMA Catalyst		
	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g			
½ gal (5.71 lbs) 1.89 L (2.59 kg)	0.00	0.00	0.00	12	0.69	311	0.96	0.06	27	9	0.57	259	1.28	0.08	36	9	0.57	259	1.92	0.12	54	9	0.57	259	2.74	0.17	78	9	0.57	259
1 gal (11.43 lbs) 3.78 L (5.18 kg)	0.00	0.00	0.00	25	1.37	622	1.92	0.12	54	18	1.14	518	2.56	0.16	73	18	1.14	518	3.84	0.24	109	18	1.14	518	5.48	0.34	155	18	1.14	518
3 gal (34.29 lbs) 11.34 L (15.55 kg)	0.00	0.00	0.00	75	4.11	1,866	5.76	0.36	163	55	3.43	1,555	7.68	0.48	218	55	3.43	1,555	11.52	0.72	327	55	3.43	1,555	16.46	1.03	467	55	3.43	1,555
6 gal (68.58 lbs) 22.68 L (31.10 kg)	0.00	0.00	0.00	132	8.23	3,732	11.52	0.72	327	110	6.86	3,110	15.36	0.96	435	110	6.86	3,110	23.04	1.44	653	110	6.86	3,110	32.91	2.06	933	110	6.86	3,110

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ALPHAGUARD PUMA SR MIXING CHART

AlphaGuard PUMA SR Amount	AlphaGuard PUMA Cold Weather Catalyst & PUMA Powder Catalyst Amounts by Temperature Ranges																													
	32°F (0°C)						14°F (-10°C)						5°F (-15°C)						-4°F (-20°C)						-22°F (-30°C)					
	0% Cold Weather Catalyst			12% PUMA Catalyst			1.05% Cold Weather Catalyst			10% PUMA Catalyst			1.4% Cold Weather Catalyst			10% PUMA Catalyst			2.1% Cold Weather Catalyst			10% PUMA Catalyst			3% Cold Weather Catalyst			10% PUMA Catalyst		
	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g	oz	lbs	g			
½ gal (3.92 lbs) 1.89 L (1.77 kg)	0.00	0.00	0.00	8	0.47	212	0.66	0.04	19	6	0.39	177	0.87	0.05	25	6	0.39	177	1.31	0.08	37	6	0.39	177	1.87	0.12	53	6	0.39	177
1 gal (7.84 lbs) 3.78 L (3.55 kg)	0.00	0.00	0.00	17	0.94	426	1.31	0.08	37	13	0.78	355	1.75	0.11	50	13	0.78	355	2.63	0.16	75	13	0.78	355	3.76	0.23	107	13	0.78	355
3 gal (23.52 lbs) 11.34 L (10.66 kg)	0.00	0.00	0.00	51	2.82	1,279	3.95	0.25	112	38	2.35	1,066	5.26	0.33	149	38	2.35	1,066	7.90	0.49	224	38	2.35	1,066	11.28	0.71	320	38	2.35	1,066
6 gal (47.04 lbs) 22.68 L (21.33 kg)	0.00	0.00	0.00	90	5.64	2,560	7.90	0.49	224	75	4.70	2,133	10.53	0.66	299	75	4.70	2,133	15.80	0.99	448	75	4.70	2,133	22.57	1.41	640	75	4.70	2,133

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MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



Roofing & Building Maintenance

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