



Pro Catalyst Liquid & Powder Mixing Charts



**Parapro, Terapro, and
Pro Resins**

I. Mixing Resins and Pro Catalyst Liquid

Confirm that both the resin and Pro Catalyst components are within “use-by” dates. Thoroughly mix the entire pail of uncatalyzed resin before adding Pro Catalyst Liquid. Add pre-measured Pro Catalyst Liquid via cup or tablespoon bag or tablespoon to the pre-measured resin component and stir for a full two minutes

using a slow-speed spiral mixer (or a mixing stick for small batch quantities). Ensure that the collapsible cup is opened properly to provide accurate measurement. See the applicable Installer’s Guide for substrate qualification/preparation requirements and resin application rates/techniques.

Mass and Volume Data for Pro Catalyst Liquid

Pro Catalyst Liquid - net contents per unit			
2.5 kilograms	2.25 liters	2250 milliliters	10 cups

Product	Density (kg per liter)	Liquid Measure (liters per kg)	Liquid Measure (milliliters per kg)
Pro Catalyst Liquid	1.1 kilograms per liter	0.91 liters per kilogram	910 milliliters per kilogram

Pro Catalyst Liquid Mixing Charts

Pro Catalyst Liquid Mixing Chart Summer Grade Parapro Roof Resin, Parapro Flashing Resin, Terapro Base Resin and Terapro Flashing Resin				
Resin Quantity	Ambient Temperature 68°F to 104°F (20°C to 40°C)		Ambient Temperature 59°F to 68°F (15°C to 20°C)	
	tablespoons	cups	tablespoons	cups
1 kg (0.72 liter)	2	n/a	4	n/a
10 kg (7.2 liters)	n/a	1	n/a	2
20 kg (14.3 liters)	n/a	2	n/a	4
Substrate temperature range for application of Summer Grade Parapro Roof and Flashing Resin is 59°F to 122°F (15°C to 50°C).				

Pro Catalyst Liquid Mixing Chart Winter Grade Parapro Roof Resin, Parapro Flashing Resin, Terapro Base Resin and Terapro Flashing Resin						
Resin Quantity	Ambient Temperature 59°F to 68°F (15°C to 20°C)		Ambient Temperature 41°F to 59°F (5°C to 15°C)		Ambient Temperature 23°F to 41°F (-5°C to 5°C)	
	tablespoons	cups	tablespoons	cups	tablespoons	cups
1 kg (0.72 liter)	2	n/a	4	n/a	6	n/a
10 kg (7.2 liters)	n/a	1	n/a	2	n/a	3
20 kg (14.3 liters)	n/a	2	n/a	4	n/a	6
Substrate temperature range for application of Winter Grade Parapro Roof and Flashing Resin is 59°F to 122°F (15°C to 50°C).						

Pro Catalyst Liquid Mixing Chart Pro Primer R, Pro Primer W, and Pro Primer T						
Resin Quantity	Ambient Temperature 77°F to 95°F (25°C to 35°C)		Ambient Temperature 41°F to 77°F (5°C to 25°C)		Ambient Temperature 32°F to 41°F (0°C to 5°C)	
	tablespoons	cups	tablespoons	cups	tablespoons	cups
1 kg (1 liter)	2	n/a	4	n/a	6	n/a
10 kg (10 liters)	n/a	1	n/a	2	n/a	3
Substrate temperature range for application of Pro Primer W, T, and R Resins is 32°F to 95°F (0°C to 35°C).						

Pro Catalyst Liquid Mixing Chart Pro Color Finish						
Resin Quantity	Substrate Temperature 59°F to 104°F (15°C to 40°C)		Substrate Temperature 41°F to 59°F (5°C to 15°C)		Ambient Temperature 32°F to 41°F (0°C to 5°C)	
	cups		cups		cups	
10 kg (7.2 liter)	1		2		3	
20 kg (14.3 liters)	2		4		6	
Substrate temperature range for application of Pro Color Finish is 32°F to 95°F (0°C to 35°C).						

Pro Catalyst Liquid Mixing Chart Terapro VTS Resin/Filler (full batch with 10 kg of VTS Resin and bag of VTS Filler)		
Ambient Temperature 77°F to 95°F (25°C to 35°C)	Ambient Temperature 41°F to 77°F (5°C to 25°C)	Ambient Temperature 32°F to 41°F (0°C to 5°C)
1 cup	2 cups	3 cups
Substrate temperature range for application of Terapro VTS Resin is 32°F to 122°F (0°C to 50°C).		

Pro Catalyst Liquid Mixing Chart Paracoat & Paracoat HS						
Resin Quantity	Substrate Temperature 59°F to 104°F (15°C to 40°C)		Substrate Temperature 41°F to 59°F (5°C to 15°C)		Substrate Temperature 32°F to 41°F (0°C to 5°C)	
	cups		cups		cups	
10 kg (7.2 liter)	1		2		3	
20 kg (14.3 liters)	2		4		6	
Substrate temperature range for application of Paracoat Roof Coating is 32°F to 104°F (0°C to 40°C).						

Pro Catalyst Liquid Mixing Chart Pro Paste Resin						
Resin Quantity	Ambient Temperature 77°F to 95°F (25°C to 35°C)		Ambient Temperature 41°F to 77°F (5°C to 25°C)		Ambient Temperature 32°F to 41°F (0°C to 5°C)	
	tablespoons	cups	tablespoons	cups	tablespoons	cups
1 kg (0.72 liter)	2	n/a	4	n/a	6	n/a

II. Mixing Resins and Pro Catalyst Powder

Confirm that both the resin and Pro Catalyst components are within “use-by” dates. Thoroughly mix the entire pail of uncatalyzed resin before adding Pro Catalyst Powder. Add pre-measured Pro Catalyst Powder via bag or tablespoon to the pre-measured resin component and stir for a full two minutes using

a slow-speed spiral mixer (or a mixing stick for small batch quantities). See the applicable Installer’s Guide for substrate qualification/preparation requirements and resin application rates/techniques.

Pro Catalyst Powder Mixing Charts

Pro Primer R Resin - Pro Primer W Resin - Pro Primer T Resin												
The amount of Pro Catalyst Powder used with Pro Primers varies from a minimum of 2% to 6% maximum by weight, depending upon the ambient temperatures as indicated in the following table:												
Resin Quantity	2% Catalyst 77°F to 95°F (25°C to 35°C)				4% Catalyst 41°F to 77°F (5°C to 25°C)				6% Catalyst 32°F to 41°F (0°C to 5°C)			
	g	kg	Tblsp.	0.1-kg Bags	g	kg	Tblsp.	0.1-kg Bags	g	kg	Tblsp.	0.1-kg Bags
1 kg (1 liter)	20	0.02	2	n/a	40	0.04	4	n/a	60	0.06	6	n/a
5 kg (5 liters)	100	0.1	n/a	1	200	0.2	n/a	2	300	0.3	n/a	3
10 kg (10 liters)	200	0.2	n/a	2	400	0.4	n/a	4	600	0.6	n/a	6
Substrate temperature range for application of Pro Primer W, T, and R Resins is 32°F to 95°F (0°C to 35°C).												

Parapro Roof/Terapro Base Resin and Parapro/Terapro Flashing Resin - Winter Grade												
The amount of Pro Catalyst Powder used with Winter Grade Resin varies from a minimum of 2% to 6% maximum by weight, depending upon the ambient temperatures as indicated in the following table:												
Resin Quantity	Winter Grade 2% Catalyst 59°F to 68°F (15°C to 20°C)				Winter Grade 4% Catalyst 41°F to 59°F (5°C to 15°C)				Winter Grade 6% Catalyst 23°F to 41°F (-5°C to 5°C)			
	g	kg	Tblsp.	0.1-kg Bags	g	kg	Tblsp.	0.1-kg Bags	g	kg	Tblsp.	0.1-kg Bags
1 kg (0.72 liter)	20	0.02	2	n/a	40	0.04	4	n/a	60	0.06	6	n/a
5 kg (3.6 liters)	100	0.1	n/a	1	200	0.2	n/a	2	300	0.3	n/a	3
10 kg (7.2 liters)	200	0.2	n/a	2	400	0.4	n/a	4	600	0.6	n/a	6
20 kg (14.3 liters)	400	0.4	n/a	4	800	0.8	n/a	8	1200	1.2	n/a	12
Substrate temperature range for application of Winter Grade Resin is 59°F to 122°F (15°C to 50°C).												

Pro Catalyst Powder Mixing Charts

Parapro Roof/Terapro Base Resin and Parapro/Terapro Flashing Resin - Summer Grade								
The amount of Pro Catalyst Powder used with Summer Grade Resin varies from a minimum of 2% to 4% maximum by weight, depending upon the ambient temperatures as indicated in the following table:								
Resin Quantity	Summer Grade 2% Catalyst 68°F to 104°F (20°C to 40°C)				Summer Grade 4% Catalyst 59°F to 68°F (15°C to 20°C)			
	g	kg	Tbsp.	0.1-kg Bags	g	kg	Tbsp.	0.1-kg Bags
1 kg (0.72 liter)	20	0.02	2	n/a	40	0.04	4	n/a
5 kg (3.6 liters)	100	0.1	n/a	1	200	0.2	n/a	2
10 kg (7.2 liters)	200	0.2	n/a	2	400	0.4	n/a	4
20 kg (14.3 liters)	400	0.4	n/a	4	800	0.8	n/a	8
Substrate temperature range for application of Summer Grade Resin is 59°F to 122°F (15°C to 50°C).								

Terapro VTS Resin									
The amount of Pro Catalyst Powder used with Terapro VTS Resin (Not including VTS Filler weight) varies from a minimum of 2% to 6% maximum by weight, depending upon the ambient temperatures as indicated in the following table:									
Resin Quantity	2% Catalyst 77°F to 95°F (25°C to 35°C)			4% Catalyst 41°F to 77°F (5°C to 25°C)			6% Catalyst 32°F to 41°F (0°C to 5°C)		
	g	kg	0.1-kg Bags	g	kg	0.1-kg Bags	g	kg	0.1-kg Bags
5 kg (3.6 liters)	100	0.1	1	200	0.2	2	300	0.3	3
10 kg (7.2 liters)	200	0.2	2	400	0.4	4	600	0.6	6
Substrate temperature range for application of Terapro VTS Resin is 32°F to 122°F (0°C to 50°C).									

Pro Color Finish Resin												
The amount of Pro Catalyst Powder used with Pro Color Finish varies from a minimum of 2% to 6% maximum by weight, depending upon the ambient temperatures as indicated in the following table:												
Resin Quantity	2% Catalyst 59°F to 95°F (15°C to 35°C)				4% Catalyst 41°F to 59°F (5°C to 15°C)				6% Catalyst 32°F to 41°F (0°C to 5°C)			
	g	kg	Tbsp.	0.1-kg Bags	g	kg	Tbsp.	0.1-kg Bags	g	kg	Tbsp.	0.1-kg Bags
1 kg (1 liter)	20	0.02	2	n/a	40	0.04	4	n/a	60	0.06	6	n/a
5 kg (5 liters)	100	0.1	n/a	1	200	0.2	n/a	2	300	0.3	n/a	3
10 kg (10 liters)	200	0.2	n/a	2	400	0.4	n/a	4	600	0.6	n/a	6
Substrate temperature range for application of Pro Color Finish is 32°F to 95°F (0°C to 35°C).												

Paracoat & Paracoat HS

Paracoat & Paracoat HS Roof Coating is catalyzed using Pro Catalyst Liquid. See page 3 for the mixing chart.



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