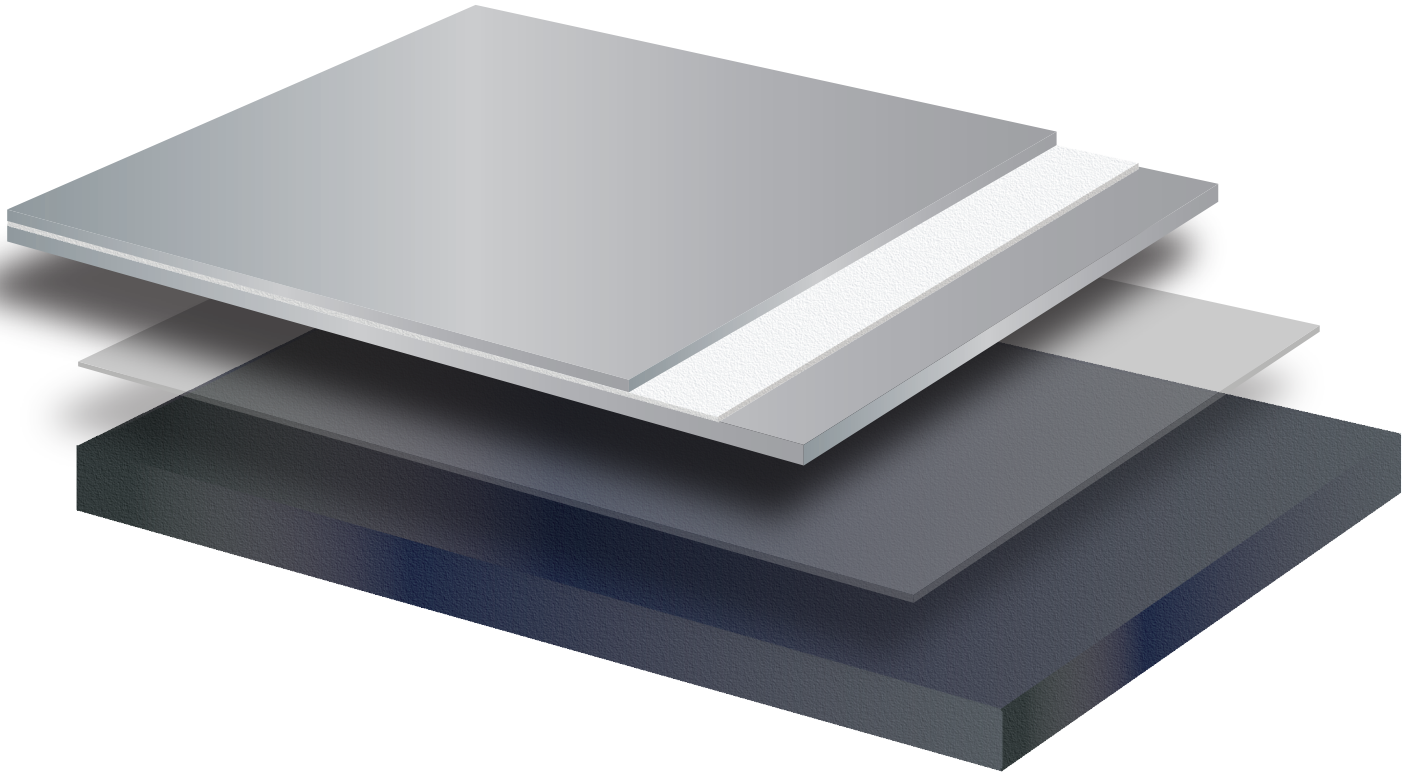
siplast®

Parapro
Roof Membrane System



Material Estimating Guide

Substrate Preparation

Pro Paste: 5-kg can
Typical Paste Coverage: 0.13 kg/sf (1.4 kg/m²) per 1 mm of thickness
Number of pails needed: _____ **Deck Area (sf): _____**

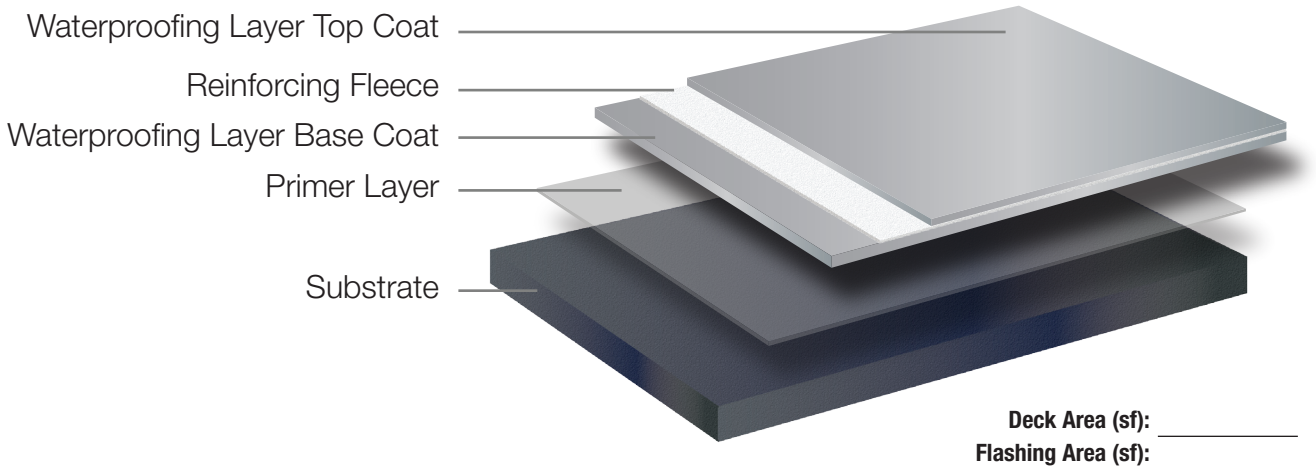
Pro Prep 1-gal or 5-gal can
Number of pails needed: _____ **Flashing Area (sf): _____**

FLASHING SYSTEM

	area to be covered (sf)		sf coverage per unit		# of units needed		waste factor*		total # of units		Pro Catalyst Liquid (cups) (see catalyst chart)
Primer Layer (concrete substrate) Pro Primer W (10-kg pail) Consumption (min): 0.037 kg/sf Coverage (min): 270 sf/pail		÷	270	=		+		=	_____ Pails		_____ Cups
Primer Layer (absorptive substrates) Pro Primer W (10-kg pail) Consumption (min): 0.074 kg/sf Coverage (min): 135 sf/pail		÷	135	=		+		=	_____ Pails		_____ Cups
Primer Layer (asphaltic sheets) Pro Primer R (10-kg pail) Consumption (min): 0.037 kg/sf Coverage (min): 270 sf/pail		÷	270	=		+		=	_____ Pails		_____ Cups
Flashing Layer (base & top coats) Parapro Flashing Resin (10-kg pail) Consumption (min): 0.31 kg/sf Coverage (min): 32 sf/pail		÷	32	=		+		=	_____ Pails		_____ Cups
Reinforcing Fleece (Pro Fleece) 12" x 164' (164 sf)		÷	164	=		+		=	_____ Rolls		n/a
Finish Layer (optional) Pro Primer Finish (10-kg pail) Consumption (min): 0.046 kg/sf Coverage (min): 215 sf/pail		÷	215	=		+		=	_____ Pails		_____ Cups

Parapro Roof Membrane System

Area to Receive Field (sf): _____



Deck Area (sf): _____
Flashing Area (sf): _____

FIELD MEMBRANE

	area to be covered (sf)		sf coverage per unit		# of units needed		waste factor*		total # of units		Pro Catalyst Liquid (cups) (see catalyst chart)
Primer Layer (concrete substrate) Pro Primer T (10-kg pail) Consumption (min): 0.037 kg/sf Coverage (min): 270 sf/pail		÷	270	=		+		=	Pails		Cups
Primer Layer (absorptive substrates) Pro Primer W (10-kg pail) Consumption (min): 0.074 kg/sf Coverage (min): 135 sf/pail		÷	135	=		+		=	Pails		Cups
Primer Layer (asphaltic sheets) Pro Primer R (10-kg pail) Consumption (min): 0.037 kg/sf Coverage (min): 270 sf/pail		÷	270	=		+		=	Pails		Cups
Waterproofing Layer (base & top coats) Parapro Roof Membrane Resin (20-kg pail) Consumption (min): 0.31 kg/sf Coverage (min): 64 sf/pail		÷	64	=		+		=	Pails		Cups
Reinforcing Fleece (Pro Fleece) 41" x 164' (560 sf)		÷	560	=		+		=	Rolls		n/a

#11 GRANULE PROTECTIVE WALKWAY - OPTIONAL

	area to be covered (sf)		sf coverage per unit		# of units needed		waste factor*		total # of units		Pro Catalyst Liquid (cups) (see catalyst chart)
Wearing/Embedment Layer Parapro Roof Membrane Resin (20-kg pail) Consumption (min): 0.09 kg/sf Coverage (min): 215 sf/pail		÷	215	=		+		=	Pails		Cups
Siplast #11 Roofing Granules (5-gallon pail) Consumption: 1.0 lb/sf 60-lb pail coverage: 60 sf		÷	60	=		+		=	Pails		n/a

PRO TEXTURE BEADS/PRO COLOR FINISH WALKWAY - OPTIONAL

	area to be covered (sf)		s/f coverage per unit		# of units needed		waste factor*		total # of units		Pro Catalyst Liquid (cups) (see catalyst chart)
Embedment Layer Pro Color Finish (10-kg pail) Consumption (min): 0.046 kg/sf Coverage (min): 215 sf/pail		÷	215	=		+		=	Pails		Cups
Pro Texture Beads (5-kg pail) Consumption: 0.002 kg/sf 5-kg pail coverage: 2500 sf		÷	2500	=		+		=	Pails		n/a

PRO COLOR FINISH - OPTIONAL

	area to be covered (sf)		s/f coverage per unit		# of units needed		waste factor*		total # of units		Pro Catalyst Liquid (cups) (see catalyst chart)
Finish Layer **Pro Color Finish (10-kg pail)** Consumption (min): 0.046 kg/sf Coverage (min): 215 sf/pail		÷	215	=		+		=	Pails		Cups

CATALYST FOR FLASHING, FIELD SURFACING/COLOR, AND WALKWAYS

	total # of cups above		cups per container		total # of units
Pro Catalyst Liquid 2.5 kg container (10 cups)		÷	10	=	Containers

WASTE AND OVERAGE FACTORS

RESIN TYPE	4" COVER	9" COVER	18" COVER
Pro Primer/Pro Color	0.1 kg	0.55 kg	1.1 kg
Terapro Flashing and Base Resin	0.1 kg	0.75 kg	1.5 kg

TWO-INCH FLEECE LAP OVERAGE (avg. overage per fleece roll width in %)

PRODUCT	12"	41"
Parapro Roof Membrane & Flashing Resin	12%	3.5%
Pro Fleece	17%	5%

** To ensure an adequate amount of material for the job, a waste factor should be Included In all estimates. The contractor is best qualified to determine the waste factor per product.

*** The amount of Pro Catalyst Liquid added to Parapro and Pro Resins is based on the weight and associated volume of the resin used, and varies with the ambient temperature and type of resin. The amount of Pro Catalyst Liquid added to Parapro and Pro Resins must never be less than that published. If resin mixed with the minimum required catalyst does not have sufficient pot life, the resin temperature is likely too high. Refer to Pro Catalyst Liquid mixing charts at the back of this guide for more information.

Pro Catalyst Liquid Mixing Charts

Pro Catalyst Liquid Mixing Chart Pro Primer W, Pro Primer T and Pro Primer R						
Resin Quantity	Ambient Temperature 77ºF to 95ºF (25ºC to 35ºC)		Ambient Temperature 41ºF to 77ºF (5ºC to 25ºC)		Ambient Temperature 32ºF to 41ºF (0ºC to 5ºC)	
	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

Pro Catalyst Liquid Mixing Chart Winter Grade Parapro Roof Resin and Parapro Flashing Resin						
Resin Quantity	Ambient Temperature 59ºF to 68ºF (15ºC to 20ºC)		Ambient Temperature 41ºF to 59ºF (5ºC to 15º)		Ambient Temperature 23ºF to 41ºF (-5ºC to 5ºC)	
	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

Pro Catalyst Liquid Mixing Chart Summer Grade Parapro Roof Resin and Parapro Flashing Resin				
Resin Quantity	Ambient Temperature 68ºF to 104ºF (20ºC to 40ºC)		Ambient Temperature 59ºF to 68ºF (15ºC to 20ºC)	
	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

Pro Catalyst Liquid Mixing Chart Pro Color Finish						
Resin Quantity	Ambient Temperature 59ºF to 95ºF (15ºC to 35ºC)		Ambient Temperature 41ºF to 59ºF (5ºC to 15º)		Ambient Temperature 32ºF to 41ºF (0ºC to 5ºC)	
	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 Color Finish is 32ºF to 95ºF (0ºC to 35ºC).						

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March 2023