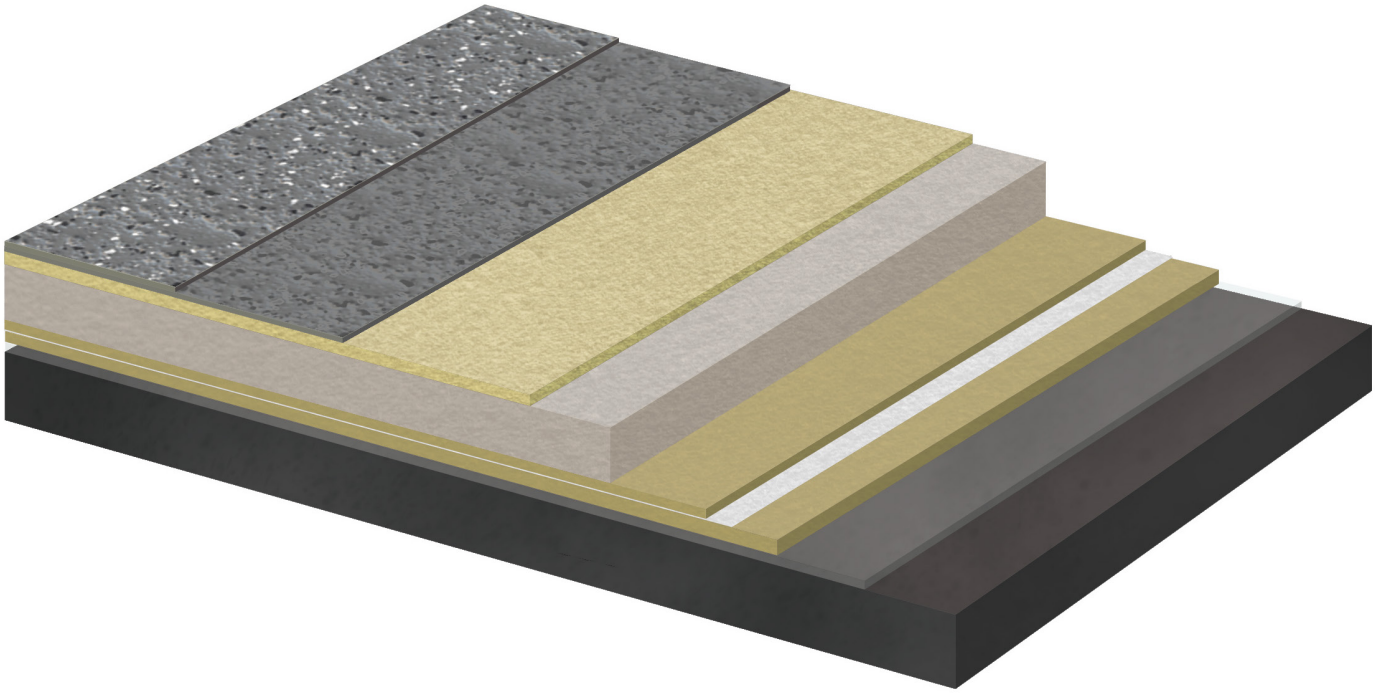
siplast®

Terapro Waterproofing & Surfacing System (reinforced)

Pro Natural Quartz / Pro Color Finish Surfacing



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): _____

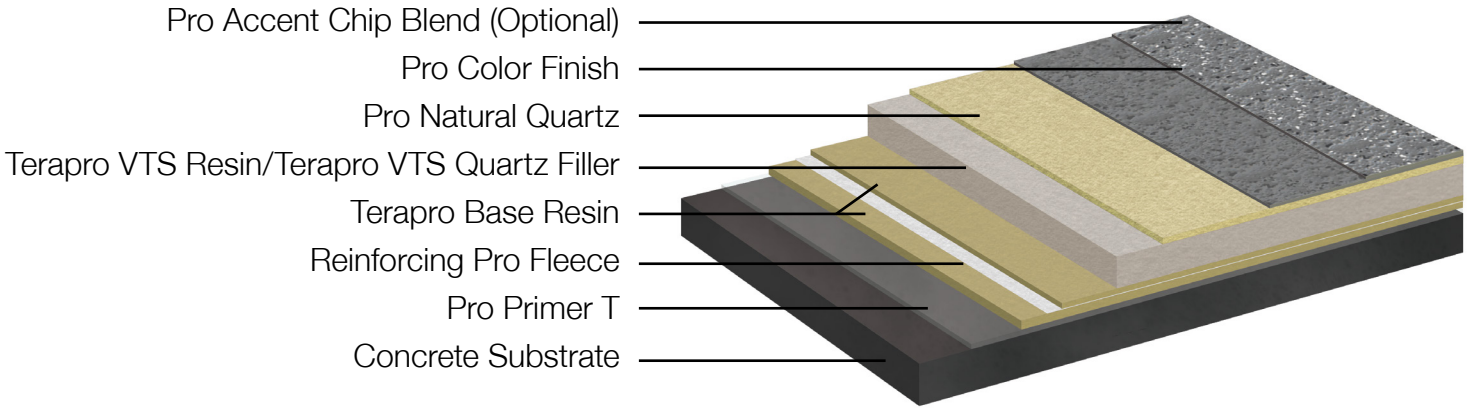
Pro Prep 1–gal or 5–gal can
Number of pails needed: _____
Flashing Area (sf): _____

FLASHING SYSTEM

	area to be covered (sf)		s/f 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
Flashing Layer (Base & Top Coats) Terapro 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 Pro Color Finish (10–kg pail) Consumption (min): 0.046 kg/sf Coverage (min): 215 sf/pail		÷	215	=		+		=	_____ Pails		_____ Cups

Terapro Reinforced – Occupied Space

Area to Receive Field (sf): _____



FIELD MEMBRANE

	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)
Primer Layer (concrete substrate) **Pro Primer T (10–kg pail)** **Consumption (min): 0.037 kg/sf** **Coverage (min): 270 sf/pail**		÷	270	=		+		=	_____ Pails		_____ Cups
Waterproofing Layer (Base* & Top Coats) **Terapro Base Resin (10–kg pail)** **Pro Primer W (10–kg pail)** **Consumption (min): 0.28 kg/sf** **Coverage (min): 36 sf/pail**		÷	36	=		+		=	_____ Pails		_____ Cups
Reinforcing Fleece (Pro Fleece) **41" x 164' (560 sf)**		÷	560	=		+		=	_____ Rolls		n/a
Waterproofing/Wearing Layer **Terapro VTS Resin (10–kg pail)** **Consumption (min): 0.14 kg/sf** **Coverage (min): 71 sf/pail** **Terapro VTS Quartz Filler (50 lbs bag)** **Coverage (min): 71 sf/pail**		÷ ÷	71 71	= =		+ +		= =	_____ Pails _____ Bags		_____ Cups n/a
Surfacing Aggregate **Pro Natural Quartz (50 lbs bag)** **Consumption (min): 1 lb/sf** **Coverage: 50 sf**		÷	50	=		+		=	_____ Bags		n/a
Finish Layer **Pro Color Finish (10–kg pail)** **Consumption w/o Pro Accent Chips (min): 0.06 kg/sf** **Coverage w/o Pro Accent Chips: 166 sf** **Consumption with Pro Accent Chips (min): 0.07 kg/sf** **Coverage with Pro Accent Chips: 144 sf**		÷ ÷	166 144	= =		+ +		= =	_____ Pails _____ Pails		_____ Cups _____ Cups
Surfacing Chip (optional) **Pro Accent Chips (5–kg box)** **Consumption (min): 0.01 kg/sf** **Coverage: 500 sf**		÷	500	=		+		=	_____ Boxes		n/a

CATALYST FOR FLASHING & FIELD					
	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

LAP TREATMENT OVERAGE FACTORS (avg. overage per fleece roll width in %)		
PRODUCT	12"	41"
Terapro Flashing and Base Resin	12%	3.5%
Pro Fleece	17%	5%

Coverage quantities are based upon minimum weight and coverage requirements. The above estimates do not include provisions for crack/joint treat–ment, detailing, rough absorbent surfaces, or waste (including material required for saturation of disposable roller covers and fleece overlaps).

To ensure that an adequate quantity of material is purchased for a project, a waste factor should be included in all estimates. The contractor is best qualified to determine actual waste factors.

Pro Catalyst Liquid Mixing Charts

Pro Catalyst Liquid Mixing Chart Pro Primer W and Pro Primer T						
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
Substrate temperature range for application of Pro Primers is 32ºF to 95ºF (0ºC to 35ºC).						

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 15ºC)		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).						

Pro Catalyst Liquid Mixing Chart Summer Grade Terapro Base Resin and Terapro 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
Substrate temperature range for application of Summer Grade Parapro and Terapro resins is 59ºF to 122ºF (15ºC to 50ºC).				

Pro Catalyst Liquid Mixing Chart Winter Grade Terapro Base Resin and Terapro Flashing Resin						
Resin Quantity	Ambient Temperature 59ºF to 68ºF (15ºC to 20ºC)		Ambient Temperature 41ºF to 59ºF (5ºC to 15ºC)		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
Substrate temperature range for application of Winter Grade Parapro and Terapro resins is 23ºF to 77ºF (-5ºC to 25ºC).						

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

Pro Catalyst Liquid Mixing Chart Pro Paste Resin						
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 (0.72 liter)	2	n/a	4	n/a	6	n/a
Substrate temperature range for application of Pro Paste Resin is 32ºF to 122ºF (0ºC to 50ºC).						

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