

SIPLAST GUARANTEE GUIDE

PARAPRO AND PARAFLEX MEMBRANE SYSTEMS rev 3/2023

TORCH-APPLIED BASE PLY			
COVERAGE	BASE PLY	FINISH PLY/CAP SHEET OPTIONS	APPROVED SUBSTRATES*
Up to 30 years	All Pro Base TG (torch grade) series	Parapro Roof Membrane; or Paraflex Liquid Membrane	Parabase, Parabase FS, Parabase Plus, Asphaltic cover panel, DensDeck ¹ , DensDeck Prime ¹ , DensDeck StormX Prime ¹ , Securock Gypsum Fiber, Securock Cement Board (priming required), DEXcell FA ¹ , DEXcell Cement Board (priming required)
<small>*Consult the Siplast Rigid Insulation and Base Sheet Usage Guide for approved membrane and insulation combinations and application methods.</small>			
Up to 30 years	Pro Base TS	(same finish ply/cap sheet options as above)	Primed structural concrete, Insulcel RT
COLD ADHESIVE-APPLIED BASE PLY			
COVERAGE	BASE PLY	FINISH PLY/CAP SHEET OPTIONS	APPROVED SUBSTRATES*
Up to 30 years	All Pro Base series (SFT Adhesive-applied ¹). 1. PA-311 series adhesives are not approved for use with Parapro and Paraflex membrane systems.	Parapro Roof Membrane; or Paraflex Liquid Membrane	Parabase, Parabase FS, Parabase Plus, Asphaltic cover panel, Paratherm HD (high density polyisocyanurate), High Density Wood Fiber, DensDeck ¹ , DensDeck Prime ¹ , DensDeck StormX Prime ¹ , Securock Gypsum Fiber ¹ , Securock Cement Board (priming required), DEXcell FA ¹ , DEXcell Cement Board (priming required),
<small>*Consult the Siplast Rigid Insulation and Base Sheet Usage Guide for approved membrane and insulation combinations and application methods.</small>			
SELF ADHESIVE-APPLIED BASE PLY			
COVERAGE	BASE PLY	FINISH PLY/CAP SHEET OPTIONS	APPROVED SUBSTRATES*
Up to 30 years	Pro Base SA	Parapro Roof Membrane; or Paraflex Liquid Membrane	Parabase Plus P, Paratherm HD (high density polyisocyanurate), Asphaltic cover panel, DensDeck ¹ (priming required), DensDeck Prime ¹ , DensDeck StormX Prime ¹ , Securock Gypsum Fiber (priming required), Securock Cement Board (priming required), DEXcell FA ¹ , DEXcell Cement Board (priming required)
<small>*Consult the Siplast Rigid Insulation and Base Sheet Usage Guide for approved membrane and insulation combinations and application methods.</small>			
Up to 30 years	Pro Base TS SA	(same finish ply/cap sheet options as above)	Primed structural concrete

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HOT ASPHALT-APPLIED BASE PLY			
COVERAGE PERIODS	BASE PLY	FINISH PLY/CAP SHEET OPTIONS	APPROVED SUBSTRATES*
Up to 30 years	Any Pro Base series applied in approved Type III or IV hot asphalt.	Parapro Roof Membrane ¹ ; or Paraflex Liquid Membrane ¹ 1. Pro Primer R (for Parapro systems) or Pro Primer AC (for Paraflex systems) is recommended at asphalt bleed-out.	Parabase, Parabase FS, Parabase Plus, Asphaltic cover panel, Paratherm HD (high density polyisocyanurate), High Density Wood Fiber, Securock Gypsum Fiber (base ply in Type III Asphalt only)
*Consult the Siplast Rigid Insulation and Base Sheet Usage Guide for approved membrane and insulation combinations and application methods.			
PARAPRO OR PARAFLEX APPLIED DIRECTLY TO STRUCTURAL SUBSTRATE			
COVERAGE PERIODS	PRIMER	FINISH PLY/CAP SHEET OPTIONS	APPROVED SUBSTRATES ¹
Up to 20 years	Pro Primer T or Pro Primer E required for Parapro None required for Paraflex, except concrete having an internal relative humidity in excess of 75% requires Pro Primer E.	Parapro Roof Membrane Paraflex Liquid Membrane	Structural concrete: CSP 2 to 4 for Pro Primer T CSP 3 for Pro Primer E 1. Contact Siplast Design Services for constructions that do not provide bottom-side venting, such as slab-on-grade, slab-on-slab (concrete placed over a vapor impermeable membrane), concrete placed over a metal pan, and for application to other substrate types.
GENERAL REQUIREMENTS			
<ol style="list-style-type: none"> 1. A maximum panel size of 4' x 4' is required for polyisocyanurate and high density fiberboard panels applied in low-rise foam adhesive. A maximum panel size of 4' x 4' is required for all insulation products applied in hot asphalt. 2. For "full system" coverage that includes the insulation system beneath the Siplast membrane system, all components must be purchased from Siplast. 			