Roof Surface/System Cross Reference Chart

SMOOTH & GRAVEL BUR

SYSTEM	WARRANTY LENGTH	PRIMER	GAL/SQ	BASE COAT	GAL/SQ	INTERMEDIATE COAT	GAL/SQ	TOP COAT	GAL/SQ	TOTAL DFT
Acrylic	10 years	Acrylic Bonding Primer 905*	1	Acrylic 211	1.5	—	—	Acrylic 211	1.5	**25**
	15 years	Acrylic Bonding Primer 905*	1	Acrylic 211	1.5	Acrylic 211	1.5	Acrylic 211	1.5	**38**
Envir-O-Sil (High-Solids Silicone)	10 years	Acrylic Bonding Primer 905*	1	High-Solids Silicone 412	1.1	—	—	High-Solids Silicone 412	1.1	**30**
	15 years	Acrylic Bonding Primer 905*	1	High-Solids Silicone 412	1.25	—	—	High-Solids Silicone 412	1.25	**35**
	20 years	Acrylic Bonding Primer 905*	1	High-Solids Silicone 412	1.5	—	—	High-Solids Silicone 412	1.5	**40**
Silicone (Standard-Solids Silicone)	10 years	Acrylic Bonding Primer 905*	1	Silicone 410	1.5	—	—	Silicone 410	1.5	**30**
	15 years	Acrylic Bonding Primer 905*	1	Silicone 410	1.75	—	—	Silicone 410	1.75	**35**
	20 years	Acrylic Bonding Primer 905*	1	Silicone 410	2	—	—	Silicone 410	2	**40**
Urethane	10 years	—	—	Aromatic Urethane 520	1.5	—	—	Aromatic Urethane 520	1.5	**30**
Urethane (Hybrid)	10 years	—	—	Aromatic Urethane 520	1.5	—	—	Aliphatic Urethane 510	1.5	**30**
	15 Years	—	—	Aromatic Urethane 520	1.25	Aromatic Urethane 520	1.25	Aliphatic Urethane 510	1.5	**40**
	20 Years	—	—	Aromatic Urethane 520	1.5	Aromatic Urethane 520	1.5	Aliphatic Urethane 510	1.5	**45**
Ure-A-Sil	12 years	—	—	Aromatic Urethane 520	1.5	—	—	Silicone 410	1.5	**30**
								High-Solids Silicone 412	1.1	
	15 years	—	—	Aromatic Urethane 520	1.5	—	—	Silicone 410	2	**35**
								High-Solids Silicone 412	1.5	
	20 years	—	—	Aromatic Urethane 520	1.5	Silicone 410	1.25	Silicone 410	1.25	**40**
								High-Solids Silicone 412	1.8	

Refer to application guidelines for detailed installation instructions. Adhesion tests are required for all roof restoration projects.
* Depending on the condition of the existing roof system, a primer may not be necessary. Contact American WeatherStar technical services for more information.
DFT = Dry Film Thickness