

Technical Bulletin No. 019

LP® SmartSide® Strand Substrate Smooth Finish Panel Siding Minimum Finish Requirement

LP will approve as the finish coating, a textured acrylic finish system when installed per the system manufacturer’s specifications. To be approved, a system will need to achieve the following minimum performance criteria:

Characteristic	Method	Exposure	Unit	Limit	
				Min	Max
Breathability	ASTM E96 (wet bulb)		perms	15	
Adhesion	EIMA 101.03		psi	5	
Flexibility	ASTM D-522			pass	
Elasticity	ASTM D-412		%	175	
Abrasion Resistance	ASTM D-968	500	qtrs.	pass	
Flame Spread	ASTM E-84				24
Chalk Resistance	ASTM D-4214	5000	hrs.	no deleterious effect	
Weatherability (Cyclic UV/Water)	ASTM G-53	2000	hrs.	no deleterious effect	
Salt Spray	ASTM B-117	300	hrs.	no deleterious effect	
Mildew Resistance	ASTM D-3273	28	days	zero growth	