

Technical Datasheet

Product:	Saphira® Coating Calendering W8731	
Characteristics:	W8731 is a medium fast drying coating formulated for application where coated sheets are post treated by a calendering process. Optimum calendering temperatures between 100-115°C.	
	Gloss:	++++
	Matt:	-
	Inline application	●
	Offline application	●
	Glueability:	●
	Slip:	+++
	Drying speed:	+++
	Block resistance:	+++
	Rub resistance	+++
+ = low/slow ++++ = very high/very fast ○ limited, test required ● suitable - not suitable		
Application:	Application weight 3-6 gsm (wet-on-wet)	
	Adapted for cardboard	
	Adapted for single side applications	
	Adapted for conventional coating units (Anilox/2 roller systems)	
Technical Data:	Appearance:	Opaque liquid
	Solids :	40% ± 4%
	Viscosity :	45 seconds DIN 4 @ 20°C ± 4 Sec.
	Specific gravity :	1.04g/cm ³ ± 0.04
General advise:	Use alkali and solvent resistant inks.	
	Circulate or stir well prior to using	
Thinning:	With water, if more than 5% are required use Saphira Reducer W074.	
Cleaning:	Wash-up with Saphira® W070. Dried coating can be removed by using Saphira® W080 Power Cleaner.	
Storage:	Store the coatings in a dry place and at room temperature (5- 30°C). Protect from freezing and direct sunlight.	
Shelf Life:	Properly stored, originally sealed coating has an estimated shelf life of 6 months.	
Recommendation:	For getting the best performance you should use the Saphira Coating W8731 in combination with other Saphira consumables, for example the Saphira Anilox Roller GTT.	