

Technical Datasheet

Product:	Saphira® UV Coating High Gloss U6650	
Characteristics:	Saphira U6650 is a high gloss UV coating with outstanding gloss results and low draw back. It is suitable for inline and offline applications. The U6650 has a very good slip and is suitable for double sided application and display low odor from the fully cured lacquer.	
	Gloss:	+++++
	Matt:	-
	Inline application	●
	Offline application	●
	Hotfoil/Glueability:	○
	Slip:	+++
	Drying speed:	+++
	Double sided applications:	●
	Rub resistance	+++
+ = low/slow ++++ = very high/very fast ○ limited, test required ● suitable - not suitable		
Application:	Application weight 4-6 gsm (wet-on-wet)	
	Adapted for cardboard and paper	
	Adapted for single and double side applications	
	Adapted for conventional coating units (Anilox/2 roller systems)	
	Is suitable for secondary food packaging if the use of a functional barrier assures that the migration limits (specific/global) will be kept by the finished product.	
Technical Data:	Appearance:	Clear liquid
	Solids :	100% ± 4%
	Viscosity :	75 seconds DIN 4 @ 20°C ± 5 Sec.
	Specific gravity :	1.11g/cm ³ ± 0.04
General advise:	Use alkali and solvent resistant inks.	
	Circulate or stir well prior to using	
Thinning:	Not necessary	
Cleaning:	Use alcohol or commercially obtainable cleaners.	
Storage:	Store the coatings in a dry place and at room temperature (5- 35°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 W3665 in combination with other Saphira consumables, for example the Saphira Anilox Roller GTT.	