

MADE IN ITALY

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UV ROLLER SYSTEM TECHNOLOGY

UV-cured coatings contain unique photosensitive additives that respond to radiation emitted by specific lamps. When exposed to UV light, these products generate a chemical reaction that causes the coating to instantly harden on the wood surface. This rapid curing process significantly reduces overall drying or curing times. These products are ideal for achieving high productivity and exceptional performance.



UV CURE COATINGS

UV cure coatings vary in chemical composition and application method, making them the epitome of excellence in SIVAM Coatings' customized products. UV products can be applied using a roller coater, curtain coater, or spray method. They can be formulated using acrylic or polyester resin, and are available in both solvent-based and water-based formulations. Especially noteworthy are the UV products crafted for roll-coat application, distinguished by their 100% solid content, thereby completely eliminating solvent emissions into the atmosphere.

UV ROLLER TECHNOLOGY

PRODUCT	CODE	DESCRIPTION	CHARACTERISTICS	MAIN FIELDS OF USE	APPLICATION	CURING	SOLID CONTENT %	CATALYST
PRIMER								
SIVALUX R 159	LQM159	Clear UV-ACR sealer by reverse-roller	Matt sealer studied for open pore system, to avoid the glossy effect in the pore	Flat panels with open pore	Roller Reverse	Direct	> 98	Ready to use
SIVALUX R 270	LQM 270	Clear UV-PA putty-filler by roller	Sealer with good compromise between high percentage of fillers and transparency	Flat panels	Heavy roller	Direct	> 93	Ready to use
SIVALUX R 183	LQM183	Clear UV-ACR putty-filler for wood	Sealer with good transparency, excellent distension, high wettability	Flat panels open and closed pore	Heavy roller	Direct	> 99	Ready to use
SIVALUX R 168	LQM168	Clear UV-ACR sealer by reverse-roller	Sealer with good transparency, excellent distension, general use	Flat panels	Roller Reverse	Direct	> 99	Ready to use
SIVALUX R 163	LQM163	Clear UV-PA sealer by reverse-roller	Excellent transparency, low yellowing, formulated for white and light color melamine paper	Flat panels	Reverse	Direct	> 98	Ready to use
SIVALUX R 177	LQM177	White UV-PA putty-filler for MDF	Good adhesion on MDF, used as filler directly on MDF	Flat panels	Roller	Direct	> 99	Ready to use
TOPCOAT								
SIVALUX R 45	LQM45x	Clear UV-ACR matt by roller - 10 GL	Excellent levelling and low shrinkage, excellent hardness	Flat panels with open or closed pore	Baby roller o laser roller	Direct	> 99	Ready to use
SIVALUX R 951	LQM951	Clear UV-PA glossy by roller	Excellent filling power and levelling, high performance	Flat panels with closed pore or melamine paper	Laser roller	Direct	> 99	Ready to use

PRIMER UV ROLLER TECHNOLOGY

PRODUCT	CODE	DESCRIPTION	CHARACTERISTICS	MAIN FIELDS OF USE	APPLICATION	CURING	SOLID CONTENT %	CATALYST %
SOLVENT-BASED PRIMER								
SIVALUX R 161	LQA161	Clear UV-PE adhesion primer by roller coater	Good leveling and good adhesion, formulated application on melamine paper, to use on PU insulator	Flat panels	Roller	Direct with UV lamps NO flash off	99 ± 1	LKQ030 (5%)
SIVALUX R 182	LQA182	Clear UV-ACR wetting primer by roller coater	Good wetting of wood, formulated for difficult substrates	Flat panels	Roller	Direct with UV lamps NO flash off	99 ± 1	LKQ030 (5%) LCB047 (2-3%)
SIVALUX R 167	LQM167	Clear UV-PE adhesion primer by roller coater	Adhesion primer for melamine paper decorated (without sanding) and ceramic	Flat panels	Roller	Direct with UV lamps NO flash off	99 ± 1	Ready to use
WATER-BASED PRIMER								
IDROLUX R 169	LUM169	Clear UV-WB primer by roller-coater	Good wetting of wood, formulated for difficult substrates	Flat panels	-	1 - 2 min flash off UV lamps	53 ± 1	Ready to use