

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.



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## 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
<b>PRIMER</b>								
<b>SIVALUX R 159</b>	<b>LQM159</b>	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
<b>SIVALUX R 270</b>	<b>LQM 270</b>	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
<b>SIVALUX R 183</b>	<b>LQM183</b>	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
<b>SIVALUX R 168</b>	<b>LQM168</b>	Clear UV-ACR sealer by reverse-roller	Sealer with good transparency, excellent distension, general use	Flat panels	Roller Reverse	Direct	> 99	Ready to use
<b>SIVALUX R 163</b>	<b>LQM163</b>	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
<b>SIVALUX R 177</b>	<b>LQM177</b>	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
<b>TOPCOAT</b>								
<b>SIVALUX R 45</b>	<b>LQM45x</b>	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
<b>SIVALUX R 951</b>	<b>LQM951</b>	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 %
<b>SOLVENT-BASED PRIMER</b>								
<b>SIVALUX R 161</b>	<b>LQA161</b>	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%)
<b>SIVALUX R 182</b>	<b>LQA182</b>	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%)
<b>SIVALUX R 167</b>	<b>LQM167</b>	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
<b>WATER-BASED PRIMER</b>								
<b>IDROLUX R 169</b>	<b>LUM169</b>	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