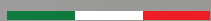


MADE IN ITALY



EST. 1949 | MILAN

UV SPRAY 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.



SIVAM Coatings S.r.l.  
Via Monviso 10 | 20008 Bareggio (MI) - Italy | +39 02 903041 | [info@sivam.it](mailto:info@sivam.it)

[sivam.it](http://sivam.it)





## 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 resins and are available in both solvent-based and water-based formulations. Especially noteworthy the UV products crafted for SPRAY application, distinguished by the possibility of also painting 3D substrate, drastically reducing drying times and VOC emissions into the atmosphere.

### UV SPRAY TECHNOLOGY SOLVENT-BASED

PRODUCT	CODE	DESCRIPTION	CHARACTERISTICS	MAIN FIELDS OF USE	APPLICATION	GLOSS	CURING	SOLID CONTENT %	CATALYST %
<b>BASECOAT SB</b>									
<b>SIVALUX S 113</b>	<b>LQM113</b>	Clear UV-ACR sealer by spray	Basecoat studied for direct Curing: the product is a 100% solid contents, good sandability	Furniture profiles, picture frame and baseboards	Fixed guns, Vacuum system	-	Direct	> 99	Ready to use
<b>SIVALUX D 111</b>	<b>LQJ111</b>	Clear dual-cure sealer by spray	Basecoat studied for open and closed pore (it depends by dilution). Good pore refining, fastness and sandability	Kitchen cabinets, doors, shaped panels	Spray machines, robot and fixed guns	-	Flash off + TL lamps + UV lamps	39	LCB047 (10%)
<b>TOPCOAT SB</b>									
<b>SIVALUX D 41</b>	<b>LQJ414</b>	Clear dual-cure matt by spray	Matt topcoat with great filling and levelling power, softness to touch, for closed and open. Application with spray machines and robot, with a right diluting with curtain coater, too.	Kitchen cabinets, doors, shaped and flat panels	-	20	Flash off + TL lamps + UV lamps	37	LCB047 (10%)

### UV SPRAY TECHNOLOGY WATER-BASED

PRODUCT	CODE	DESCRIPTION	CHARACTERISTICS	MAIN FIELDS OF USE	APPLICATION	GLOSS	CURING	SOLID CONTENT %	CATALYST %
<b>BASECOAT WB</b>									
<b>IDROLUX S 211</b>	<b>LUT211</b>	White UV-WB basecoat by spray	WB basecoat for general use with forced time of application	Kitchen cabinets, doors, shaped panels	Spray machines, robot and fixed guns	-	Flash off + UV lamps	67	Ready to use
<b>TOPCOAT WB</b>									
<b>IDROLUX S 52</b>	<b>LUM524</b>	Clear UV-WB matt by spray	Good filling power, levelling and smoothness	Kitchen cabinets, doors, shaped and flat panels	Spray machines, robot and fixed guns	25	Flash off + UV lamps	35	Ready to use
<b>IDROLUX S 51</b>	<b>LUT514</b>	White UV-WB matt by spray	Good filling power, levelling and coverage	Kitchen cabinets, doors, shaped and flat panels	Spray machines, robot and fixed guns	20	Flash off + UV lamps	53	Ready to use
<b>IDROLUX S 42</b>	<b>LUT424</b>	White UV-WB matt by spray	Good filling power, levelling with a great chemicals resistance	Kitchen cabinets, doors, shaped and flat panels	Spray machines, robot and fixed guns	20	Flash off + UV lamps	45	Ready to use
<b>SELF SEALER WB</b>									
<b>IDROLUX S 82</b>	<b>LUM824</b>	Clear UV-WB self-sealer spray	Excellent filling power, levelling and smoothness. Can also be used as a pigmented converter with the LXWxxx series (max. 8%)	Kitchen cabinets, doors, shaped and flat panels with closed pore	Spray machines, robot and fixed guns	20	Laminar air/percussion at least 10 minutes at 40-45 °C + final UV lamps	40	Ready to use
<b>IDROLUX S 814</b>	<b>LUT814</b>	White UV-WB self-sealer spray	Excellent filling power, levelling and smoothness. Can also be used as a pigmented converter with the LXWxxx series (1-5%)	Kitchen cabinets, doors, shaped and flat panels with closed pore	Spray machines, robot and fixed guns	20	Laminar air at least 15 minutes 35-40 °C + final UV lamps	49	Ready to use