

Speed SP-S191



Product data	
Packaging size	5l
Viscosity at delivery DIN 4 mm (sec.)	30 ± 2
Shelf life – Original container unopened	at least 2 years
VOC Directive EC limit value for this product (cat. A/j): 500g/l (2010)	This product contains 345 g/l VOC max.

Preparation of substrates	
	Raw wooden surfaces. Graduated sanding of wood. Carefully remove the sanding dust. Coarse-pore wood must be brushed out.
	Always isolate with Quantum Q- IS160 before. After isolation, rough wood pores can be filled with Speed SP-PF190. P120, P150, P180

Processing	
	Stir thoroughly! Pay special attention that the exact amount of Activator is added.
	Apply the product carefully absolutely complying with all parameters such as nozzle size, pressure, distance, quantity applied, etc.
	During processing, protect the product against direct sunlight in order to avoid premature curing.

Hardener - Thinner - Additives	
	<p>Hardening Activation</p> <p>by weight: 100 parts of SP-S191 100 parts of Hardener HSP 1 2 parts of Activator ASP 2</p> <p>by volume: 100 parts of SP-S191 100 parts of Hardener HSP 1 2.5 parts of Activator ASP 2</p>
	Dilution
	Pot life up to 6 hours

Application	
Spray pressure (bar)	2.5-3.0
Nozzle size (mm)	1,0-1,6
Processing viscosity DIN 4mm (sec.)	17 sec. ± 2
Coverage per application (g/m²)	80-120
Coverage (m²/l)	7 - 10

Drying time @ 20°C	
Flash off time after application	at least 10 minutes
Exposure time with exposure panel	at least 10 minutes
Rest time before further processing	at least 10 minutes






Special notes	
After mixing (activation), the product is sensitive to light. For that reason, the product must be protected against direct sunlight or scattered light from the exposure panel or from the handheld lamp in order to avoid unintended, premature curing.	
Never use products of the Speed system together with other products not mentioned in the datasheet.	
After use, clean the working equipment with thinner TPU 9300-F. Never use thinners of other manufacturers. By doing so, immediate curing could be caused.	
Residues of Speed products on fingers or cleaning tissues may cause surface failures (visible streaks or fingerprints) when coming into contact with surfaces to be varnished.	
Due to the absorption of light, dark wood and stained wood may require longer exposure and curing times. Always make a test with this kind of surfaces.	

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability. AkzoNobel, of course, guarantees an impeccable quality of its products in its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed – in writing – the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information given regarding the application or handling, even if the advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2020-08-10 / 18

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AN_204450_060919

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Test standards	
	EN 71-3 Migration of soluble heavy metals
	General appraisal certificate with regard to low flammability according to DIN 4102/B1 on hardly inflammable B1-tested wooden particle boards, even veneered.
	Hardly inflammable according to the Marine Equipment Directive MED 2014/90/EC.
	Requirements to the surfaces of kitchen furniture according to DIN68930 regarding the resistance under changing climatic conditions
	Tox Control - The label for low-emission furniture coatings

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