








Wigranit® Top Color WTC-COLOUR



Product description		
Description	Solvent-based, semi-matt, non yellowing, very well-filling pigmented topcoat system with improved hiding power, better stand on vertical surfaces, as well as excellent metal marking resistance and scratch resistance. Colour mixing system for the creation of almost any colour according to Sikkens, RAL, NCS, etc. or to your own sample.	
Processing		
	Stir thoroughly!	
	Mix and apply the product as described under "Hardener Thinner Additives".	
Hardener - Thinner - Additives		
	Hardening	10% PUR 5085 20% PUR 5085
	Dilution	S 9004 normal drying S 9029 slow drying
	Pot life 20°C, 65% rel. humidity	10% Hardener: up to 8 hours
		20% Hardener: up to 4 hours
Product data		
Product code	WTC-COLOUR	
Viscosity at delivery DIN 4 mm (sec.)	90±6 sec	
Shelf life - Original container unopened	at least 2 years	
Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
WTC-COLOUR	semi matt matt	20% Hardener: 20 ± 2 10% Hardener: 13 ± 2
Preparation of substrates		
	Raw wooden surfaces.	P180, P240, P320
	Exotic wood / woods rich in extractives	Coat with Wigranit® Two-Pack PUR Insulating Filler WIG/IF.
	MDF - not affected by moisture	Apply Wigranit® Filler WIG/F until a closed, even surface is obtained. Final sanding of the primer with grain size P280 - P320.
	MDF - affected by moisture	Apply Wigranit® Two-Pack PUR Insulating Filler WIG/IF until a closed, even surface is obtained. Final sanding of the primer with grain size P280 - P320.
Application		
Spray pressure (bar)	1.5-3.0	90-120
Nozzle size (mm)	1.6-2.0	0.23-0.28
Thinner to be added (%)	10-30	0-10
Processing viscosity DIN 4mm (sec.)	30-40	40-60
Coverage per application (g/m²)	120-200	150-200
Coverage (m²/l)	5-8	5-8
Maximum application quantity for MED 2014/90/EU per application (g/m²)	120	120
Drying time @ 20°C		
Dust dry	10% Hardener: at least 15 minutes 20% Hardener: at least 25 minutes	
Touch dry	10% Hardener: at least 45 minutes 20% Hardener: at least 60 minutes	
Ready for transport	10% Hardener: at least 12 hours 20% Hardener: at least 16 hours	
Sandable	10% Hardener: at least 2 hours 20% Hardener: at least 2 hours	

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Aftertreatment	Test standards
<p>After sanding with P280-320, the surface can be reworked at any time with the same product or a PUR clear coat. With a mixing ratio of 10:1, reworking with PUR paints is possible within a maximum of one working day (8 hours). After this time, intermediate sanding is necessary shortly before further processing to ensure a perfect bond. With a mixing ratio of 5:1, the reworking time is max. 4 hours. After this time, intermediate sanding is also necessary here to ensure intermediate adhesion. With a mixing ratio of 10:1, finishing with a lightfast clear coat system, e.g. Crystallit or Purolit, is recommended. With a mixing ratio of 5:1, finishing with a clear coat is not necessary.</p>	 DIN 68861/1B Chemical exposure of furniture surfaces
<p>Special notes</p> <p>After a minimum drying time of 14 days, WTC surfaces mixed with 20% hardener obtain a robust, easy-to-clean anti-graffiti surface.</p>	 EN 71-3 Migration of soluble heavy metals -is requested-
<p>Do not process and dry PU lacquers below 15° C.</p>	 General appraisal certificate with regard to low flammability according to DIN 4102/B1 on hardly inflammable B1-tested wooden particle boards, even veneered. -is requested-
<p>With a mixing ratio of 10:1, reworking with PUR paints is possible within a maximum of one working day (8 hours).</p>	 Hardly inflammable according to EN 13501 in compositions with IF, WTC/colour and CL 7, 8, 9, 0, TM and CL-H on MDF materials approved according to EN 13501. -is requested-
<p>After this time, intermediate sanding is necessary shortly before further processing to ensure a perfect bond.</p>	 Hardly inflammable according to the Marine Equipment Directive MED 2014/90/EC. -is requested-
<p>With a mixing ratio of 5:1, the reworking time is max. 4 hours. After this time, intermediate sanding is also necessary here to ensure intermediate adhesion</p>	 Requirements to the surfaces of kitchen furniture according to DIN 68930 regarding the resistance under changing climatic conditions. -is requested-
<p>PU hardeners are affected by moisture. Always store the hardener in tightly closed original batches.</p>	 Tox Control - The label for low-emission furniture coatings -is requested-
<p>When using PU hardeners, always follow the safety instructions on the label.</p>	
<p>PU hardeners can be stored in the closed original container at a cool and dry place for a maximum of one year.</p>	

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