

Technical Data Sheet

Coding	series 400			
NCS400 Nitro cellulose clear sanding Sealer 400				
Brand Name	WOODLAC			
Color	Transparent When Sprayed			
Chemistry	Nitro cellulose			
Diluents	NC thinner			
Hardener	NONE			

COMPOSITION AND APPLICATION FIELD

NCS 400 is A Nitro cellulose solvent base clear sealer System Selected from good Quality Raw Material ,it has a good clearance and solid for open pore , it has good levelling and flow properties resulting good veneer physical appearance .

NCS 400 has a very good sanding property and create an adequate adhesion base coat for further top coat built up.

NCS 400 is one of the best solution for wood coating system where coating hardness properties is required like tables top. However the result will always differ from the selection of the Top coat used and quality of solvent in which

NCS 400 is diluted.

Application Field For NCS 400:

Veneer and timber massive wood, Birch ,Oak, Wenge ,Cherry ,Rose wood etc...for some oily veneer or wood massive timber an isolation procedure to be applied prior to sealer NCS400.

NCS 400 has an excellent property to keep the substrate ready with good adhesion of top coat.

NCS 400 is a good solution to be used on a stained veneer or wood timber with limited non change aspect.

NCS 400 is considered to be a part of a wood finishing system and applied as a sealer for top coat NCT 400 which is a Nitro cellulose Top coat.

NCS 400 might be as well a good solution if applied over stained veneer or massive wood timber where acceptable hardness and mechanical resistant properties are needed.

NCS 400 present film property to be able to accept over semi matt and matt top coat



APPLICATION

THINNING

For conventional spray Application with NC thinner 75/100% For Airless air assisted Application with PU 7 thinner 50% For Curtain Application systems: with NC 5 thinner 50/75%

In hot humid climate an addition of 3 to 5 % of OX7 is recommended upon working need

TECHNICAL CHARACTERISTICS

PHISICAL PROPERTIES

Specific gravity for NCS 400	1.0	(±0.003)	Kg/l
Viscosity. 25°C Solid by packed volume	32%	(± 5) +/-3%	ku
Flash Point	21°C		

DRYING at 25°C

* Dust free 5 min

Touch drying 10min .
Sanding drying 4Hrs

On serial batch coating systems it is always recommended to check all the parameters on a small test application before starting any coating cycle.

Mechanical properties

Sanding very good Adherence very good

Preparation Manual

NCS 400 Series are normally used for substrate, wood timber and veneer to be placed indoor and has an excellent mechanical resistivity in case used on our complete system with our NCT500U TOP COAT clear in that case system can give the look of wood shining in



gloss appearance top coat ,or it can be slightly OR heavily stained to give special appearance upon working need.

Substrate must be sanded at 100grain caliper and stained if needed than sealed in 2 coats ,Sand papering by 220 grain caliper after 8hrs minimum(depending on weathering condition and drying equipment use) than sanding it by a 400grain caliper than applying top coat at a maximum interval time of not more than 3hrs.

Best to overcoat in not less than 2/3hrs depend on climate situation.

APPLICATION METHODS

Spray application : conventional Spray suction 1.8/2.0mm /5bar -Gravity cup gun 1.6mm/3.5bar-Airless air assisted systems nozzles 0.013" /70-90bar

Curtain systems: Dilution must be respected with our NC thinner to keep viscosity steady and avoid any problem in application.

Interval coat

2hrs

PACKED IN

:1Lit & 4Lit, 5 Lit, 19Lit & 25 Lit.

STORAGE Product filled in a well sealed pail or gallon with 12months shelve life from production date at 23° C



Disclaimer:

The Data Given in this data sheet is all based on our Laboratory test and does not reflect in any case the reality of the field where the goods will be applied and did not take into consideration any parameters related to the application field that may differ and give different results as stated above—because of several differed parameters .however the producer is not responsible of any harm of health and property damage resulting from the application of this product if not followed by our instruction and technical support .The producer is not responsible to supervise or follow the end user or a third party nor to guarantee the application of the product his roll only limited in case asked to give recommendation and technical support .All product sold as per our standards and it is the result of test and field experience however it cannot cover systematically all the requirement of several fields needed by the user.

Some tests may vary according to several parameters and does not match pre-stated values in this data sheet

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