

## Technical Data Sheet

<b>Coding</b>	<b>series 500</b>
<b>NCS500</b>	<b>Nitro cellulose Wood clear sanding Sealer 500</b>
<b>Brand Name</b>	<b>WOODLAC</b>
<b>Color</b>	<b>Transparent When Sprayed</b>
<b>Chemistry</b>	<b>Nitro cellulose</b>
<b>Diluents</b>	<b>NC thinner</b>
<b>Hardener</b>	<b>NONE</b>

### COMPOSITION AND APPLICATION FIELD

**NCS 500** is A Nitro cellulose solvent base clear sealer System Selected from High Quality Raw Material ,it has a good clearance , with high levelling and flow properties resulting good closing pores possibility .

**NCS 500** has a very good sanding property and create an adequate adhesion base coat for further top coat built up .

**NCS 500** 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 500 is diluted .

#### Application Field For NCS 500:

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 NCS500.

**NCS 500** has an excellent property to keep the substrate ready with good adhesion of top coat.

**NCS 500** is a good solution to be used on a stained veneer or wood timber with limited non change aspect.

**NCS 500** is considered to be a part of a wood finishing system and applied as a sealer for top coat NCT 500 which is a Nitro cellulose Top coat.

**NCS 500** 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 500** present film property to be able to accept over high gloss or semi matt and matt top coat

### **APPLICATION**

#### **THINNING**

**For conventional spray Application with NC thinner 80-100%**

**For Airless air assisted Application with PU 7 thinner 50-70%**

**For Curtain Application systems : with PU 7 thinner 100-120%**

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

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## TECHNICAL CHARACTERISTICS

### PHISICAL PROPERTIES

Specific gravity for NCS 500	0.8	(±0.003)	Kg/l
Viscosity. Ford 8/25°C	70	(± 5 )	Sec
Solid by packed volume	23%		
Flash Point	21°C		

**APPLICATION RATE** .....7 m<sup>2</sup>/kg ( each coat)overspray not considered

### 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 500 Series are normally used for substrate and wood timber and veneer to be placed indoor and has an excellent mechanical resistivity in case used on our complete system with our NCT500 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 & 5 Lit & 25 Lit .

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

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**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 .

Content of this data sheet may be modified or cancelled without prior notice

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