

Technical Data Sheet

<u>Coding</u>	series 500
NCT500	Nitro cellulose Wood Finishing Clear Gloss 500
NCT505	Nitro cellulose Wood Finishing Clear 50% Gloss 50
NCT503	Nitro cellulose Wood Finishing Clear 30% Gloss 30
NCT501	Nitro cellulose Wood Finishing Clear 10% Gloss 10
Brand Name	WOODLAC
Color	Transparent When Sprayed
Chemistry	Nitro cellulose
Diluents	N C solvent
Hardener	none
Air drying	yes

COMPOSITION AND APPLICATION FIELD

NCT 5 is An Nitro cellulose solvent base Top Coat clear System Selected from High Quality Raw Material ,it has and very good clearance , with high levelling and flow properties resulting a mirror smooth touch for gloss if sprayed with good equipment .

NCT 500 is Available in different gloss Appearance physical aspect starting from 5% reaching 100% gloss rate on 60° Gloss Measuring Standard .

NCT 5 is one of the best solution for wood coating system where rustically appearance and glorious finishing are required . However the result will always differ from the selection of the primary coat used and quality of solvent in which NCT 500 is diluted .

Application Field For NCT 5:

Veneer and timber massive wood from Birch ,Oak, Wenge ,Cherry ,rose wood etc...

NCT 5 has a good property to keep unchanged the physical appearance of the substrate on which the application Coating is done.

NCT 5 is a good solution to be used on a top coat pigment to give fresh and better shining aspect .

NCT 5 is considered to be a part of a wood finishing system and applied over PUS .7 which is Polyurethane base coat after having a coat of NCS500.

NCT 5 might be as well a good solution if applied over pigmented coatings or stained veneers and wood timber.

NCT 500 present limited flexible film property to be able to resist to the substrate limited deformation if any

Gloss appearance of AC7

NCT501	10±3% GLOSS
NCT503	30±5% GLOSS
NCT505	50±5% GLOSS
NCT507	70±5% GLOSS

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APPLICATION

APPLICATION PREPARATION

THINNING

For conventional spray Application with super thinner 150 %

For Airless air assisted Application with super thinner 100 %

For Curtain Application systems : with super thinner 200%

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

TECHNICAL CHARACTERISTICS

PHISICAL PROPERTIES

Specific gravity for NCT500	0.85	(±0.03)	Kg/l
Visc. Ford 4/25°C	260	(± 5)	Sec
Solid	26%	(±2%)	
Flash Point	21°C		

APPLICATION RATE7 m²/kg (each coat)overspray not considered

DRYING at 25°C

Dust free 10min NCT500/1/3/5/7.

Touch drying 5 min .

Deep drying 3HRS

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

Appearance characteristics in dry state

Gloss 60° varies according product nature 10/30/50/100 (ASTM D523/67)

Mechanical properties

Hardness 24HR Appropriate

Scratch resistance Appropriate

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Preparation Manual

NCT500 Series are normally used for substrate and wood timber and veneer to be placed indoor and has an good rustic look in case used on our complete system with our NCS500 sealer clear in that case system can transmit a natural look of wood ,or it can be slightly or heavily stained to give special appearance upon working need.

Substrate must be sanded and stained if needed than sealed by our NCS500 ,Sand papering it properly and apply NCT500 number of coat recommended one mist and 2 coats more coats can be applied in case needed

For open pore increase thinning dilution and apply accordingly .

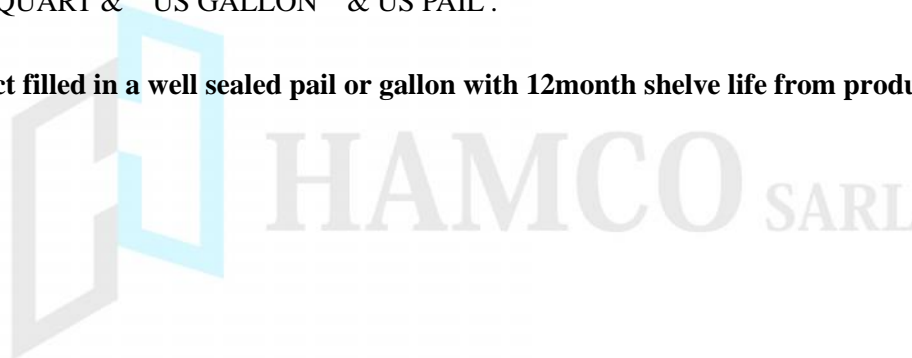
APPLICATION METHODS

Spray application : conventional Spray suction 1.8/2.0mm /5bar -Gravity cup gun 1.4mm/3.5bar-Airless air assisted systems nozzles 0.011”

Curtain systems : Dilution must be respected with our PU 700 thinner to keep viscosity steady and avoid any problem in application .

PACKED IN :1QUART & US GALLON & US PAIL .

STORAGE Product filled in a well sealed pail or gallon with 12month 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 .

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

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