

# Technical Data Sheet

Coding	600U SUPER ULTRA NC WOOD FINISH
NCT600U	Nitro cellulose SUPER ULTRA Wood Clear Gloss >85GU
NCT605U	Nitro cellulose SUPER ULTRA Wood Clear 50% Gloss 50
NCT603U	Nitro cellulose SUPER ULTRA Wood Clear 30% Gloss 30
NCT602U	Nitro cellulose SUPER ULTRA Wood Clear 20% Gloss 10
NCT601U	Nitro cellulose SUPER ULTRA Wood Clear 10% Gloss 10
<b>Brand Name</b>	WOODLAC

Brand Name WOODLAC

Color Transparent When Sprayed/NY

Chemistry Nitro cellulose
Diluents N C solvent
Hardener none
Air dying yes/NY

# **COMPOSITION AND APPLICATION FIELD**

NCT 6 (ULTRA)is An Nitro cellulose solvent base Top Coat clear System Non yellowing Selected from VERY High Quality Raw Material ,it has an excellent clearance , with high levelling and flow properties resulting a mirror smooth touch for gloss if sprayed with good equipment .

NCT 600U is Available in different gloss Appearance physical aspect starting from 5% reaching 83% gloss rate on  $60^\circ$  Gloss Measuring Standard .

NCT~6 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 600 is diluted.

Application Field For NCT 6:

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

**NCT 6** has a good property to keep unchanged the physical appearance of the substrate on which the application Coating is done.

**NCT 6** is a good solution to be used on a top coat pigment to give fresh and better shining aspect.

**NCT 6** 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 6 IF applied over ACS600 might result a higher weathering condition if compared to other NC series

NCT 6 might be as well a good solution if applied over pigmented coatings or stained veneers and wood timber.

NCT 600U present limited flexible film property to be able to resist to the substrate limited deformation if any

# Gloss appearance of NCT600

NCT600U	<b>84</b> ±3% GLOSS
NCT601U	10±3% GLOSS
NCT602U	20±3% GLOSS
NCT603U	30±5% GLOSS
NCT605U	50±5% GLOSS
NCT607U	70±5% GLOSS



#### APPLICATION PREPARATION

#### **THINNING**

For conventional spray Application with super thinner
For Airless air assisted Application with super thinner
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 NCT600	0.98	(±0.03) Kg/l
Visc. /27°C	30sec	(±5) Sec
Solid	50%	(±2%)
Flash Point	21°C	

APPLICATION RATE ..+/-3%.....8m²/kg ( each coat)overspray not considered

#### DRYING at 25°C

Dust free 10min NCT600U/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

# **Preparation Manual**



NCT600U 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/NCS550 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/NCS550 ,Sand papering it properly and apply NCT600U 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 1.6/1.8mm /5bar -Gravity cup gun 1.2mm/3.5bar-Airless air assisted systems nozzles 0.011"

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

PACKED IN :1QUART & US GALLON & US PAIL 25Lit 5Lit.

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 .

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