

Technical Data Sheet

<b>Coding</b>	<b>series 59U ultra NC pigmented top coat</b>
<b>NCT590U</b>	<b>Nitro cellulose Wood Finishing white Gloss&gt;85GU</b>
<b>NCT595U</b>	<b>Nitro cellulose Wood Finishing White 50% Gloss 50</b>
<b>NCT593U</b>	<b>Nitro cellulose Wood Finishing White 30% Gloss 30</b>
<b>NCT591U</b>	<b>Nitro cellulose Wood Finishing White 10% Gloss 10</b>
<b>Available</b>	<b>in different colors Black/Green/Yellow /Red/Metalic/Pearl/Bronz</b>
<b>Brand Name</b>	<b>WOODLAC</b>
<b>Color</b>	<b>colored When Sprayed</b>
<b>Chemistry</b>	<b>Nitro cellulose</b>
<b>Diluents</b>	<b>N C solvent</b>
<b>Hardener</b>	<b>none</b>
<b>Air drying</b>	<b>yes</b>

**COMPOSITION AND APPLICATION FIELD**

**NCT 59U** is An Nitro cellulose solvent base Top Coat white System Selected from High Quality Raw Material ,it has and very good whitening appearance , with high levelling and flow properties resulting a mirror smooth touch for gloss if sprayed with good equipment .

**NCT 59U** is Available in different gloss Appearance physical aspect starting from 5% reaching >85% gloss rate on 60° Gloss Measuring Standard .

**NCT 59U** 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 590 is diluted .

Application Field For NCT 59:

Veneer and timber massive wood from Birch ,Oak, Wenge ,Cherry ,rose wood AND Ideal for MDF etc...

**NCT 59U** has a good property to keep unchanged the physical appearance of the substrate on which the application Coating is done.

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

**NCT 5U** is considered to be a part of a wood finishing system and applied over PUP .79 which is Polyurethane base coat after having a coat of NCP59.

**NCT 59U** might be as well a good solution if applied over pigmented coatings or wood timber.

**NCT 59U** present limited flexible film property to be able to resist to the substrate limited deformation if any

**Gloss appearance of NCT59**

<b>NCT590U</b>	<b>78±3% GLOSS</b>
<b>NCT591U</b>	<b>10±3% GLOSS</b>
<b>NCT592U</b>	<b>20+-3% GLOSS</b>
<b>NCT593U</b>	<b>30±5% GLOSS</b>
<b>NCT595U</b>	<b>50±5% GLOSS</b>
<b>NCT597U</b>	<b>70±5% GLOSS</b>

HAMCO SARL

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**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 NCT590	1.02	(±0.03)	Kg/l
Visc. /25°C	62	(± 5 )	ku
Total solid	47%	(±2%)	
Flash Point	21°C		

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

**DRYING at 25°C**

Dust free 10min NCT590/1/2/3/5/7.

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 10/20/30/50/100 (ASTM D523/67)

**Mechanical properties**

Hardness 24HR Appropriate

Scratch resistance Appropriate

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## Preparation Manual

**NCT590U 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 NCP590 sealer white 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 NCP590 ,Sand papering it properly and apply NCT590U number of coat recommended one mist and 2 coats more coats can be applied .**

## 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 79 thinner to keep viscosity steady and avoid any problem in application .

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

**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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