

Types of Wood Coatings & Application System

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WOOD FINISHES PRODUCTS

- The company specializes in wood finish products.
- We have large range of wood finish products. They are as follows;
 - NC Putty Grey
 - NC Metal Clear (Lacquer)
 - NC Sanding Sealer
 - NC Wood Filler
 - NC Satin Clear
 - Wood Stainers
 - Melamine Glossy
 - Melamine Satin
 - Melamine Matt
 - Melamine Sealer
 - Silkwood Glossy & Matt finish
 - PU Woodcoat Glossy Exterior)
 - PU Woodcoat Matt Exterior
 - PU Woodcoat Sealer Exterior
 - N.C. Thinners
 - P.U. Thinners
 - N.C. Colors (White/Matt Black/Yellow)

WHY BETTER THAN OTHERS?

N.C. Putty Grey

Our Self

- Better covering.
- High binder concentration, hence no peeling off.
- Soft cutting.
- No spots forming and even absorption, so it gives good finish.
- No scratch marks.
- First quality products at reasonable rates.

Others

- Comparatively less or equivalent covering.
- Less binder results in peeling off.
- Hard or medium cutting.
- Spot formation and uneven absorption of colors.
- Surface might show scratch marks.
- They give their second quality products. Rates of which are almost equivalent to our 1st quality products.

WHY BETTER THAN OTHERS?

N.C. METAL CLEAR (LACQUER) & SANDING SEALER

Our Self

- Highest Solid content and viscosity ensures more covering and high gloss.
- Clarity up to the bottom.
- Easy cutting (ensuring low material loss).
- It is easy to apply, fills the grains properly and faster.
- Very light colour hence no coloration of natural wood & colour remains stable for a longer period

Others

- Comparatively less solid contents, so it gives less covering and less gloss and also more material is consumed.
- No other company gives as much clarity as we give in our lacquer. So our gloss is comparatively more.
- Less cutting power so brush marks appear, material loss also occurs.
- Not so easy to apply and uneven surface remains.
- Colour remains unstable & may turn dark to blood red on retentation

WHY BETTER THAN OTHERS?

Melamine Finish

Our Self

- High solid contents and hence maximum covering and gloss.
- U.V. absorption.
- Gives good leveling.
- Pot life is almost a week when kept air tight. No problem of mixing proportionately.
- High flexibility and no effect of temperature variation and moisture.
- Highest scratch and mar resistance.
- No settling in Matt finish.
- No cracking and peeling.

Others

- Low solid contents.
- No U.V. absorbers used.
- Surface prone to absorb the coating so it might give distracted surface.
- Pot life is not more than 4 hours. Has to be mixed proportionately.
- Less flexibility. Can form cracks due to temperature variation.
- Low scratch and mar resistance.
- Settling in Matt finish.

WHY BETTER THAN OTHERS?

Thinners

Our Self

- Slow drying ensures less wastage.
- No water concentration.
- Brushing being made easy.
- Less quantity required while application.
- Water white clarity till the last drop.
- No hand burning.
- Non hazardous.
- Overall cost effective at the end.

Others

- Fast drying, more volatile and hence more wastage.
- May contain water.
- Brushing gets tough and may release water.
- More quantity required during application.
- Hazy, unclear and colored.
- Hand may burn.
- May be hazardous to health, carcinogenic.
- More expensive even though initial cost is low.

Type of Systems

- NC Sealer + NC Lacquer clear/ Matt
- NC Sealer + Melamine clear/ Matt
- Melamine Sealer + Melamine clear/ Matt
- PU Sealer + PU clear/ Matt

NC Sealer + NC Lacquer clear/ Matt

- Clean the existing surface thoroughly with emery paper 36/80/120 to make the surface smooth.
- Apply suitable wood stain on wood.
- Apply 2 coat of Sanding sealer by spraying application. For spray application adjust application viscosity 18-20 sec. by F/C -4 using thinner 091 & fill the wood grains as desired
- Allow the coated surface to dry 4 – 8 hrs.
- Sand the first coat with 220 emery and second with 320 emery paper.(dry)
- Apply 1coats of Lacquer Clear / matt on top coat finish by spray. For Spraying purpose Adjust application viscosity 18 – 20 sec. by F/C -4, using thinner 555.
- Between each coat allow it to dry overnight or minimum 8hrs.

NC Sealer + Melamine clear/ Matt

- Clean the existing surface thoroughly with emery paper 36/80/120 to make the surface smooth.
- Apply suitable wood stain on wood.
- Apply 2 coat of Sanding sealer by spraying application. For spray application adjust application viscosity 18-20 sec. by F/C -4 using thinner 091 & fill the wood grains as desired
- Allow the coated surface to dry 4 – 8 hrs.
- Sand the first coat with 220 emery and second with 320 emery paper.(dry)
- Apply 1coat of Melamine Clear / matt top coat finish by spray. For Spraying purpose Adjust application viscosity 18 – 20 sec. by F/C -4, using thinner 555. (Hardener mixing ratio 09 : 01)
- Between each melamine coat allow it to dry overnight or minimum 8hrs.

Melamine Sealer + Melamine clear/ Matt

- Clean the existing surface thoroughly with emery paper 36/80/120 to make the surface smooth.
- Apply 2 coats of Melamine Sealer by spray. For Spraying purpose Adjust application viscosity 18 – 20 sec. by F/C -4, using thinner 091. (Hardener mixing ratio 09 : 01)
- Allow the coated surface to dry 8hrs or overnight
- Sand the first coat with 220 emery and second with 320 emery paper.(dry)
- Apply 1coat of Melamine top coat Glossy / matt finish . For Spraying purpose Adjust application viscosity 18 – 20 sec. by F/C -4, using thinner 555. (Hardener mixing ratio 09 : 01)
- Between each coat allow it to dry overnight or minimum 8hrs.

PU Sealer + PU clear/ Matt

- Clean the existing surface thoroughly with emery paper 36/80/120 to make the surface smooth.
- Apply suitable wood stain on wood.
- Apply 2 coat of PU sealer by spraying application. For spray application adjust application viscosity 18-20 sec. by F/C -4 using PU thinner & fill the wood grains as desired. (Mixing ratio 4: 1).
- Allow the coated surface to dry 8 hrs or over night.
- Sand the first coat with 220 emery and second with 320 emery paper.(dry)
- Apply 1coat of PU Wood coat Clear / matt on top coat finish by spray. For Spraying purpose Adjust application viscosity 18 – 20 sec. by F/C -4, using PU thinner . (Mixing ratio 4: 1).
- Between each coat allow it to dry overnight or minimum 8hrs.

COATING SYSTEM TO PROTECT YOUR NATURAL WOODFINISH FURNITURE FOR A MINIMUM OF TEN YEARS FOR INTERIOR & EXTERIOR.

WHY A COATING SYSTEM REQUIRED FOR 15 YEARS?
PRODUCTS REQUIRED FOR THIS KIND OF COATING?
DIFFERENCE BETWEEN REGULAR COATING & THIS SYSTEM?
SYSTEM OF APPLICATION?
DIFFERENCE IN COSTING?

WHY A COATING REQUIRED FOR 15 YEARS

- IN INDIA MOST OF THE BUILDINGS & HOUSES MADE ARE NOT MADE CONSIDERING THE MAINTAINENCE FACTOR.
- WE HAVE A CONCEPT OF HOUSE MADE FURNITURE, RATHER THAN FACTORY FITTED FURNITURE.
- A COATING FOR 15 YEARS COST US COMPARATIVELY CHEAPER THEN REPEATING THE JOB EVERY 3-5 YEARS.
- INTERIOR FURNITURE ONCE PANNELLED ON TO THE WALLS CANNOT BE EASILY DETACHED.
- TO PROTECT AGAINST DEVLOPMENT OF TERMITES & BORER DESTROYS FURNITURE AS WELL AS LOT OF OUR VALUABLES.
- TO PROTECT AGAINST DE-COLORATION & DE-LEMINATION & JAMMING & BENDING OF DOORS & WINDOWS.
- THERE ARE MANY OTHER REASONS TO GET THE LONG TERM DURABILITY, EXCEPT COSTING.

PRODUCTS REQUIRED FOR WOOD FINISH COATING SYSTEM

SPECIALISED COATING SYSTEM

- LACCOLITE BLACK
- MOISTURE CURING SEALER WHICH ABSORBS MOISTURE FROM WOOD – 1 Coat.
- EXTERIOR GRADE WOODSTAINER
- PU SEALER ACRYLIC EXTERIOR GRADE, SOLVENT BASED OR WATERBASED – 4 Coat's.
- WOOD PUTTY
- TOP COAT OF PU.

NORMAL COATING SYSTEM

- NC SANDING SEALER OR CLEAR 3 COATS.
- 2 COATS OF MELAMINE OR PU AS REQUIRED
- INTERIOR GRADE WOOD STAINER
- WAX

SYSTEM OF APPLICATION

- LACCOLITE BLACK

- This coating is required to be coated at the back side of the furniture which is to be paneled on the wall or on the frames of the doors which are to be fitted on the wall. This product does not allow water or moisture to percolate into the wood, & forms a barrier coat between the wall & the wood. It has got additional properties such as **termite & borer resistance, acid & alkali resistance & water resistance.**

- WOOD STAINERS

- They are used to stain or match the wood colors required by choice. For interior furniture where the sun rays does not fall on the wood interior grade wood stainers can be applied, but for the furniture where the sun rays falls on the wood exterior grade stainers are to be used.

- POLYURETHANE 2 PACK SEALER

- It is made up of special transparent sealants which penetrates the wood grains & make them hard. This product is made from acrylic which is highly flexible film & can bear the strain of expansion or contraction in wood.
- This product hydrophobic & no water can remain on the surface. 3-4 coats of sealers ensure that there are no open pores for the moisture to penetrate into the wood.

- POLYURETHANE TOP COAT

- PU top coat gives smooth finish & clear finish, if applied in dust free environment.
- Gloss of more than 85% can be achieved, but has to be applied with utmost care.
- No problems with satin or matt finish.
- Highest level of flexibility can be achieved by applying this kind of system.

Difference In Costing

<u>Routine Coating</u>	
3 Sealer Coat's	500/-
2 Lacquer Coat's	350/-
2 Coat Melamine	<u>400/-</u>
Total Material Cost	1250/-
Labour	1500/-
Total Cost	2750/-
Coating Life Expected	5 years
Value For 15 Years As Per Current Value	8250/-
2750*3	

<u>PU Coating</u>	
3*2 Sealer Coat's	2000/-
2 Top Coat's	1000/-
Total Material Cost	3000/-
Labour	2500/-
Total Cost	5500/-
Coating Life Expected	15 years
Value For 15 Years	5500/-