



Open the door to quality





Professional woodfinish range

- Highly acclaimed range for professional use
- Leading suppliers to the furniture industry
- Wide assortment of reaction lacquers
- Nitrocellulose lacquer range tintable with duthetic toners
- Highest quality penetrating stains
- Specialised patina and matching stains

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The Range

- > Reaction Lacquers
- > UV Lacquers
- > Unilac precatalysed Lacquer
- > Nitrocellulose clears
- > Pigmented lacquers
- > Polyurethane 2 pack
- > Floor lacquers
- > Penetrating & matching stains
- > Primers & Sealers
- > Accessories

Coatings for plastic parts (available on request)

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Reaction Lacquers

- > **Catalac Acid Catalysed Lacquers**
- > **Chemlac AC Lacquers**
- > **Monolac**
- > **N.Y. Woodline Lacquers**
- > **Woodline AC Lacquers**



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TECHNICAL





Catalac Acid Catalysed Lacquers



Description: The CATALAC Range of furniture consists of Urea formaldehyde alkyd modified fast curing acid catalysed lacquers proving high quality clear and pigmented acid catalysed coatings which are available in various gloss (reflectance) levels ranging from Gloss to dead matt. These finishes dry by a combination of solvent evaporation and chemical reaction. The result of the chemical reaction is a hard, tough, and solid film which is far more mar resistant than a conventional air-drying finish. These lacquers are resistant to water spotting, cracking, yellowing. Not recommended for exterior use.

Product Code: 8200 series

Pack size: 5lt, 20lt, 200lt.

Colour: Clear & Pigmented

Gloss: Gloss, Silk, Sheen Satin, Matt, Flatt, Dead Matt.

Substrate: Wood, Veneers, Foil Boards, Laminates.

Preparation: Sand with 180-220 paper.

Mixing ratio: Catalyse with 4 % Catalyst NJ (8244) for general use or 4 % Catalyst CC (8201) for curtain coating or 4 % Catalyst HW (8201) for high ambient temperature conditions.

Pot Life: Correctly mixed product has a pot-life of 8hrs @ 25°C.

Application: Conventional spray, airless, air assisted airless, curtain coating, dipping.

Film Thickness: W.F.T - 3 130um
D.F.T - 3 40um

Drying times:

1. Touch Dry	+/- 15 mins @ 25°C
2. Handle	+/- 2 hrs @ 25°C
3. Stacking	+/- 18 hrs @ 25°C
4. Full Cure	+/- 7 days @ 25°C

It should be noted that these indicated times can vary considerably with changes in ambient temperatures and film bond.

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Chemlac AC Lacquers



Description: The CHEMLAC Range of furniture finishes consists of Urea formaldehyde alkyd modified fast curing acid catalysed lacquers providing high quality clear and pigmented acid catalysed coatings which are available in various gloss (reflectance) levels ranging from Gloss to Matt. These finishes dry by a combination of solvent evaporation and chemical reaction. The result of the chemical reaction is a hard, tough, and solid film which is far more mar resistant than a conventional air-drying finish. These lacquers are resistant to water spotting, cracking and yellowing. Not recommended for exterior use. Recommended for use on Auto Spray machines due to its excellent recovery system.

Product Code: 8300 Series

Pack size: 5LT, 20LT & 200LT.

Colour: Various (Clears, White & Colours)

Gloss: Various (Gloss, Sheen, Satin, Matt, Dead Matt, Flatt.

Substrate: Wood, Veneers, Foil Boards, Laminates.

Preparation: Sand with 180 - 220 paper.

Mixing ratio: Catalyse with 4 % Catalyst NJ (8244) for general use or 4 % Catalyst CC (8201) for curtain coating or 4 % Catalyst HW (8201) for high ambient temperature conditions.

Pot Life: Correctly mixed product has a pot-life of 8hrs @ 25°C.

Application: Conventional spray, airless, air assisted airless, curtain coating, dipping.

Film Thickness: W.F.T - 3 130um
D.F.T - 3 40um

Surface Dry / Hard Dry:	1. Touch Dry	+/- 30 mins @ 25°C
	2. Handle	+/- 2 hrs @ 25°C
	3. Stacking	+/- 18 hrs @ 25°C
	4. Full Cure	+/- 7 days @ 25°C

It should be noted that these indicated times can vary considerably with changes in ambient temperatures and film bond.

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Monolac



Description:	Fast drying, economical Acid Catalysed Reaction Lacquer available in various gloss levels.		
Product Code:	8259 series		
Pack size:	20LT & 200LT		
Colour:	Clear / Whites		
Gloss:	Various		
Substrate:	For finishing all types of softwood and hardwood including veneers.		
Preparation:	Sand with 220 grit paper		
Mixing ratio:	4% with Catalyst NJ (8244), Catalyst CC (8201) ot Catalyst HW (8204 - 245).		
Pot Life:	Correctly mixed product has a potlife of one working day (8hrs) @ 25°C.		
Application:	Conventional spray, airless, air assisted airless		
Film Thickness:	25 - 30 micron DFT		
Surface Dry / Hard Dry:	Touch Dry -	+/- 15 mins at 25°C	
	Handle -	+/- 2 hours @ 25°C	
	Stacking -	+/- 18 hours @ 25°C	
	Full Cure -	+/- 7 days @ 25°C	
	It should be noted that these indicated times can vary considerably with changes in ambient temperatures and film bond.		
Force Dry:	After a suitable “flash off” period (3 10 mins) these products can be force dried at 50°C – 60°C for 15 mins. Finished articles can be stacked or wrapped after a shorter period compared to air drying.		
Spreading Rate:	10m² / LT		

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N.Y. Woodline Lacquers



Description: The N.Y. WOODLINE range of furniture finishes consists of Urea formaldehyde alkyd modified fast curing acid catalysed lacquers providing high quality clear and pigmented acid catalysed coatings which are available in various gloss (reflectance) levels ranging from Gloss to Dead Matt. These finishes dry by a combination of solvent evaporation and chemical reaction. The result of the chemical reaction is a hard, tough, and solid film, which is not re-soluble and is far more mar resistant than a conventional air-drying finish. These lacquers are resistant to water spotting, cracking and yellowing. Not recommended for exterior use.

Product Range: Clear & Pigmented (Specials on Request)

Code: 8200 series

Pack sizes: 5lt, 20lt, 200lt.

Application: Conventional spray, airless, air assisted airless, curtain coating, dipping (Details on Request).

Suitable Surfaces: All types of softwood and hardwood including veneers, mdf boards, chip board and masonite etc.

Mixing Ratio: Catalyse with 4 % Catalyst NJ (8244) for general use or 4 % Catalyst CC (8201) for curtain coating or 4 % Catalyst HW (8201) for high ambient temperature conditions.

Specific Gravity: Varies with product (Details on request)

Viscosity: 28 secs Ford 4 @ 25°C.

Thinning:

1. Thin, if necessary to required viscosity (3 18 secs) with Solvent CFS 1113 for general use.
2. Other specialised thinners and retarders are available on request. It is essential that the viscosity is adjusted to the "ideal" for the particular spraying operation in hand. Viscosity determines inter alia.
 - delivery rate through spraying tip.
 - applied film thickness which in turn affects:-
 - hold up, ie vertical sag resistance
 - solvents release, ie film must stay open long enough for 90% of solvents.
 - consistency of finish, ie even gloss level etc.

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Woodline AC Lacquers



Description: The WOODLINE Range of furniture consists of Urea formaldehyde alkyd modified fast curing acid catalysed lacquers proving high quality clear and pigmented acid catalysed coatings which are available in various gloss (reflectance) levels ranging from Gloss to Matt. These finishes dry by a combination of solvent evaporation and chemical reaction. The result of the chemical reaction is a hard, tough, and solid film which is far more mar resistant than a conventional air-drying finish. These lacquers are resistant to water spotting, cracking, yellowing. Not recommended for exterior use.

Product Code: 8270 series

Pack size: 5lt, 20lt, 200lt.

Colour: Clear & Pigmented

Gloss: Gloss, Silk, Sheen Satin, Matt, Flatt, Dead Matt.

Substrate: Wood, Veneers, Foil Boards, Laminates.

Preparation: Sand with 180-220 paper.

Mixing ratio: Catalyse with 4 % Catalyst NJ (8244) for general use or 4 % Catalyst CC (8201) for curtain coating or 4 % Catalyst HW (8201) for high ambient temperature conditions.

Pot Life: Correctly mixed product has a pot-life of 8hrs @ 25°C.

Application: Conventional spray, airless, air assisted airless, curtain coating, dipping.

Film Thickness: W.F.T +/- 130um

Surface Dry / Hard Dry: D.F.T +/- 40um

Force Dry:

1. Touch Dry	+/- 15 mins @ 25°C
2. Handle	+/- 2 hrs @ 25°C
3. Stacking	+/- 18 hrs @ 25°C
4. Full Cure	+/- 7 days @ 25°C

BACK





UV Lacquers

 **UV Multi Lacquers**



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TECHNICAL





UV Multi Lacquers



Description: UV curing Multicoat Lacquer on basis of unsaturated acrylate resins.

Product: 6800 UV Multicoat Gloss
6801 UV Multicoat Satin
6815 UV Multilacquer Satin RFU

Pack size: 5LT, 20LT

Colour: Roller Coater

Gloss: Coniferous woods, especially knotty pine, MDF, Veneers.
Other applications on request

Substrate: 220 grit

S.G: 1.22 kg / lt

Mass Solids: 100%

Viscosity: 90-100 secs F4 at 25°C.

Thinner: The Multicoat Lacquer is delivered ready-for-use. If correction of Viscosity is necessary : UV Diluent 1110

Drying: UV-Gelling
Forward feed 15m/min per UV-Hg-high pressure lamp
(Imax - 365 nm), 80W/cm

UV-Curing
Forward feed 5m/min per UV-Hg-high pressure lamp
(Imax - 365 nm), 80W/cm.

Recoating: After UV-curing and sufficient interim sanding recoatable with the following system :

Shelf Life: 3 months from date of manufacture.

Storage temperature: At +/- 15°C up to +/- 25°C.

Wash Up: Chemspec UV Cleaning Solvent 1137.

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Unilac Precatalysed Lacquer

 **Unilac**



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TECHNICAL





Unilac



Description:	A clear or pigmented pre-catalysed lacquer for coating interior timber. Unilac pre-catalysed lacquer dries to a smooth resistant finish.
Product Code:	8123-247 - 8123-255
Pack size:	5LT, 20LT, 200LT
Colour:	Clear / Pigmented
Gloss:	Gloss, Sheen, Satin, Matt, Dead Matt
Substrate:	Interior wooden furniture
Preparation:	The surface to be sprayed must be free of all contaminants. Sand smooth with 180 - 220 grit free cut paper.
Mixing ratio:	N/A
Pot Life:	N/A
Viscosity:	40 - 45" F4
Application:	Conventional, Air-assisted, Airless
Drying Times:	Touch dry - 30 min Sandable - 1 hour Recoating - 1 hour Better hold-out is achieved if recoated after overnight drying. Maximum hardness is achieved after 5 days. Tested at 25°C and a wet film thickness of 120g/m ² Times will change under different temperature and applied film weights.
Spreading Rate:	4-6m ² /Lt (depending on application method)
Thinner / Thinning Ratio:	20-25% Lacquer (1169) / Retarder Thinners (1104).

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Nitrocellulose Clears & Pigmented Lacquers

- > **Supermatt Lacquer**
- > **Super Satin Lacquer**
- > **Supersheen Lacquer**
- > **Supergloss Lacquer**



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TECHNICAL





Supermatt Lacquer



Description:	Fast Drying Nitro Cellulose based wood lacquer
Product:	Super Matt Lacquer
Product Code:	8122 Series
Pack size:	5LT, 20LT, 200LT
Colour:	Clear, White.
Gloss:	13 / 17% 60 ° C
Substrate:	For finishing all types of softwood and hardwood including veneers.
Preparation:	Sand with 220 grit paper.
Mixing ratio:	2,5:1 with Lacquer Thinners (1169) by volume.
Pot Life:	N/A
Application:	Conventional spray, Airless, Air assisted, Dip.
Film Thickness:	Approx. 20 - 30 micron.
Surface Dry / Hard Dry:	15 minutes 2 hours It should be noted that these indicated times can vary considerably with changes in ambient temperatures and film build. Above times are at 25°C.
Force Dry:	Approx. 50°C
Recoating:	Refer to Technical Department.
Spreading Rate:	6 - 8m ² / LT
Thinner / Thinning Ratio:	2,5 : 1 with GP 60 Lacquer Thinners (1169).

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Super Satin Lacquer



Description:	Fast Drying Semi-Gloss Nitro Cellulose based wood lacquer.
Product:	Super Satin Lacquer
Product Code:	8123 Series
Pack size:	5lt, 25lt, and 200lt
Colour:	Clear, Tinted Lacquers
Gloss:	32 - 35% - 60 degree head.
Substrate:	For finishing all types of softwood and hardwood including veneers.
Preparation:	Sand with 220-320 grit paper.
Mixing ratio:	Thin 2.5 to 1 with GP 60 Lacquer Thinners (1169) by volume.
Pot Life:	N/A
Application:	Conventional spray, Airless, Air assisted, Dip.
Film Thickness:	Approx. 20 - 30 micron.
Surface Dry / Hard Dry:	Touch dry - 15 minutes Hard Dry - 2 hours It should be noted that these indicated times can vary considerably with changes in ambient temperatures and film build. Above times are at 25°C.
Force Dry:	Can be forced dried to approximately 50°C.
Recoating:	30 minutes
Spreading Rate:	6 - 8 square metres per litre

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Supersheen Lacquer



Description:	Fast drying ready for use Nitrocellulose based Wood Lacquer.		
Product:	Supersheen Lacquer		
Product Code:	8107 - 202		
Pack size:	5LT, 20LT and 200LT		
Colour:	Clear		
Gloss:	40 - 45% / 60°		
Substrate:	For finishing all types softwood and hardwood including veneers.		
Preparation:	Sand with 220 - 320 grit paper		
Mixing ratio:	RFU		
Pot Life:	N/A		
Application:	Conventional spray, Airless, Air assisted, Dip.		
Film Thickness:	D.F.T - W.F.T -	Approx. 20-30 micron Approx. 180-270 micron	
Surface Dry / Hard Dry:	Touch Dry - Hard Dry -	15 minutes at 25°C. 2 hours at 25°C	
Force Dry:	Can be forced dried for 10 mins @ 50°C		
Recoating:	1hr between coats		
Spreading Rate:	6 - 8 square meters per litre / 80 - 120gm ²		
Thinner / Thinning Ratio:	GP 60 Lacquer Thinners (1169).		

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Supergloss Lacquer



Description:	Fast Drying Semi-Gloss Nitro Cellulose based wood lacquer.
Product:	Super Gloss Lacquer
Product Code:	8136
Pack size:	5LT, 20LT, 200LT
Colour:	Clear
Gloss:	> 80% / 60°
Substrate:	For sealing all types of softwood and hardwood including veneers.
Preparation:	Sand with 180 - 220 grit paper.
Mixing ratio:	2,5 : 1 with GP 60 Lacquer Thinners (1169), by volume.
Pot Life:	N/A
Application:	Conventional spray, Airless, Air assisted, Dip.
Film Thickness:	100 - 120gms / m ²
Surface Dry / Hard Dry:	Touch Dry - 15 minutes Hard Dry - 2 hours It should be noted that these indicated times can vary considerably with changes in ambient temperatures can film build. Above times are at 25°C.
Force Dry:	Approx. 50°C
Recoating:	Refer to Technical Department.
Spreading Rate:	6 - 8m ² / LT
Thinner / Thinning Ratio:	2,5 : 1 with GP60 Lacquer Thinners (1169).

BACK





Polyurethane 2 Pack

- > Chemthane
- > Chemthane Sheen
- > Woodcryl White
- > Woodcryl Clear



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TECHNICAL





Chemthane



Description:	Chemspec Chemthane is a twin pack Polyurethane Acrylic Enamel. It is an ideal choice for a high quality Industrial, Automotive and Wood coating with excellent durability and colour retention. The gloss levels achieved are extremely high.
Product Range:	Clear & Pigmented (Special on request)
Pack Size:	Dual pack 4.5lt base and 0.5lt catalyst; 5lt toners.
Application:	Spray
Suitable Surfaces:	Metal, Soft Wood, Hard Wood, MDF & Veneers.
Priming:	The following primers are suitable when using Chemthane : 2K 4:1 primer. On Wood - Woodline Primer, Woodline Sealer
Mixing ratio:	Mix nine parts of base to one part of catalyst (8700) by volume (9:1)
S.G.	Available on request.
Solids:	Available on request.
Viscosity:	80 - 90 seconds Ford Cup No. 4
Thinning:	Thin up to approximately 30% with 2K Thinners (1179) to 18 seconds Ford Cup No. 4 @ 25 Degrees C.
Drying Ambient:	Touch Dry - 30 minutes @ 25° C. Hard Dry - 4 hours @ 25°C. If excessive film weights are applied the drying time will be extended. Force Dry - After a suitable flash off (3 10 min) these products can be forced dry.
Pot Life:	Correctly mixed the product has a pot life of 6 - 8 hrs @ 25°C.
Wash Up:	Use Chemspec GP60 Lacquer Thinners (1169) to clean all equipment.

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Chemthane Sheen



Description:	Chemthane Sheen is a twin pack Polyurethane Acrylic Enamel. It is an ideal choice for a high quality Industrial, Automotive and Wood coating with excellent durability and colour retention. The gloss levels achieved are extremely high.
Product Range:	Clear & Pigmented (Special on request)
Pack size:	Dual pack 4.5lt base and 0.5lt catalyst; 5lt toners.
Application:	Spray
Suitable Surfaces:	Metal, Soft Wood, Hard Wood, MDF & Veneers.
Priming:	The following primers are suitable when using Chemthane : On Wood - 2K 4:1 primer.
Mixing Ratios:	Mix nine parts of base to one part of catalyst by volume (9:1)
Gloss:	60 % / 60°
S.G:	Available on request.
Solids:	Available on request.
Viscosity:	80 - 90 seconds Ford Cup No. 4
Thinning:	Thin up to approximately 30% with Super Glossy Thinners to 18 seconds Ford Cup No. 4 @ 25 Degrees C.
Drying Ambient:	Touch Dry - 30 minutes @ 25° C. Hard Dry - 4 hours @ 25°C. If excessive film weights are applied the drying time will be extended. Force Dry - After a suitable flash off (+/- 10 min) these products can be forced dry.
Pot Life:	Correctly mixed the product has a pot life of 6-8 hrs @ 25°C.
Wash up:	Use Chemspec GP60 Lacquer Thinners to clean all equipment.

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Woodcryl White



Description: Twin-pack Polyurethane Acrylic suitable as a topcoat on timber with excellent durability, chemical resistance and gloss retention.

Product: 8701-219, Satin
8701-223, Matt
8701-226, Gloss

Pack size: Base - 5LT, 20LT
Catalyst - 9091 or 9093 packed in 1LT and 5LT

Colour: White

Gloss: 30 - 35% / 60° (8701-219)
15 - 20% / 60° (8701-223)
> 80% / 60° (8701-226)

Substrate: All types of softwood and hardwood including veneers.

Preparation: Sand with 220 - 320 grit paper

Mixing ratio: 5:1 by volume with 9091 / 9093

Pot Life: 8 hours

Application: Conventional Spray, Airless, Air-assisted.

Film Thickness: 25 - 30 ums (DFT)

**Surface Dry /
Hard Dry:** 15 min @ 25°C
4 hrs @ 25°C

Force Dry: 10 - 15 min Flash Off
30 min @ 50°C

Recoating: 1 hour

Spreading Rate: 7 - 12m² / LT

**Thinner /
Ratio:** +/- 10% 2K Thinners, code 1179

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Woodcryl Clear



Description: Twin-pack UV stabilised Polyurethane Acrylic suitable as a sealer and topcoat on timber with excellent durability, chemical resistance and gloss retention.

Product: 8701-206, Gloss 8701-224, Sheen
8701-220, Satin Sealer 8701-227, Matt
8701-221, Dead Matt

Pack size: Base - 5LT, 20LT
Catalyst - 9091 or 9093 packed in 1LT and 5LT

Colour: Clear

Gloss: > 80% / 60° (8701-206) 40 - 45% / 60° (8701-224)
30 - 35% / 60° (8701-220) 15 - 20% / 60° (8701-227)
< 5% / 60° (8701-221)

Substrate: All types of softwood and hardwood including veneers.

Preparation: Sand with 220 - 320 grit paper

Mixing ratio: 5:1 by volume

Pot Life: 8 hours

Application: Conventional Spray, Airless, Air-assisted.

Film Thickness: 25 - 30 ums (DFT)

Surface Dry / 15 min @ 25°C
Hard Dry: 4 hrs @ 25°C

Force Dry: 10 - 15 min Flash Off
30 min @ 50°C

Recoating: 1 Hour

Spreading Rate: 7 - 12m² / LT

Thinner / +/- 10% 2K Thinners, code 1179
Ratio:

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Floor Lacquers

 **Reaction Floor Lacquer**



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TECHNICAL





Reaction Floor Lacquer



Description:	Chemspec Reaction Floor Lacquer is designed as a fast drying, non-slip, two pack floor lacquer suitable for application to parquet, SA Pine & Oregon Pine wooden floors.
Product:	Reaction Floor Lacquer
Product Code:	8335
Pack size:	1LT, 5LT, 20LT
Colour:	Clear
Gloss:	> 80% / 60°
Substrate:	Parquet, SA Pine, Oregon Pine and other suitable timber.
Preparation:	The substrate should be well sanded and free from any dirt or oily deposits.
Mixing ratio:	Catalyse with 4% Catalyst N Mod (8302).
Pot Life:	8 hours
Application:	By roller or squeegee. Apply first coat thinned 315% with Solvent CFS (1113). second coat unthinned. Ensure adequate ventilation at all times. Allow to dry overnight. Sand back with P220-280 paper then apply second coat unthinned. Ensure adequate ventilation at all times.
Film Thickness:	50 - 75 um DFT
Surface Dry / Hard Dry:	30 min 3 hours
Force Dry:	10 min @ 50°C
Recoating:	Refer to Technical Department
Spreading Rate:	8 - 10m ² / LT
Thinner / Ratio:	Thin with CFS Solvent, code 1113. (The use of Lacquer Thinners is not recommended.)

BACK





Penetrating Stains & Matching Stains

- > **Aquastain**
- > **Brush Off Penetrating Stain**
- > **Matching Stains**
- > **Penetrating Stains**
- > **Patina Stains**
- > **HVNC Sealer**
- > **Harfred Supawood Sealer**



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TECHNICAL





Aquastain



Description:	A water soluble range of quality stains containing fungicide and suitable for application on in-door wooden furniture.
Product:	Aquastain
Product Code:	2500 series
Pack size:	20lt, 200lt
Colour:	Various
Gloss:	Matt
Substrate:	Wood
Preparation:	The timber to be coated must be well prepared with a final sand of 220 grit.
Mixing ratio:	Ready for use
Pot Life:	N/A
Application:	By spray, dip, rag or sponge
Film Thickness:	< 5 micron DFT
Surface Dry / Hard Dry:	30 mins 2 hours
Force Dry:	10microns @ 50°C
Recoating:	Refer to Technical Department
Spreading Rate:	3 6m_ / LT
Thinner / Thinning Ratio:	Ready for Use / Potable Water

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Brush Off Penetrating Stain



Description: CHEMSPEC BRUSH OFF PENETRATING STAIN based on natural asphalt. This product must not be used in its concentrated form. Do not use as a matching stain or onto previously sealed timber. Can be used to tint Catalac / Woodline Lacquers : Maximum 5%. Do not use to tint Matching stains.

Product: Brush Off Penetrating Stain

Product Code: 3900 - 548

Pack size: 5lt, 20lt, and 200lt

Colour: Brown

Gloss: N/A

Substrate: For staining all types of softwoods and hardwoods including veneers.
Preparation: Sand with 220 - 320 grit paper.

Mixing ratio: N/A

Pot Life: N/A

Application: Spray, Dip, Rag Brush onto raw timber only.
DO NOT USE OVER SEALED TIMBER

Film Thickness: W.F.T - Depends on depth of colour required.
D.F.T - Do not exceed 80g/m².

Surface Dry / Hard Dry: +/- 30 minutes depending on ambient temperature.

Force Dry: 10" @ 50°C.

Recoating: 30 min after staining with Catalac or NC Lacquer.

Spreading Rate: Depends on application.

Thinner / Ratio: Thin with either Turps, Enamel or Lacquer Thinners at least 3 Thinners to 1 Stain before application onto raw timber ONLY.

BACK





Matching Stains



Description:	Matching Stains are based on the highest quality dyestuffs.	
Product:	Matching Stains	
Product Code:	3950 series.	
Pack size:	5lt, 20lt, and 200lt	
Colour:	A Std colour range, specials on request.	
Gloss:	N/A	
Substrate:	For staining all types of softwoods and hardwoods including veneers.	
Preparation:	Sand with 220 grit paper.	
Mixing ratio:	R.F.U	
Pot Life:	N/A	
Application:	By Spray, rag, brush or dip.	
Film Thickness:	W.F.T - D.F.T -	Depends on depth of colour required.
Surface Dry / Hard Dry:	+/- 30 minutes depending on ambient temperature.	
Force Dry:	10" @ 50°C.	
Recoating:	Refer to Technical Department.	
Spreading Rate:	Depends on application.	
Thinner / Thinning Ratio:	Can be thinned with GP 60 Lacquer Thinners (1169) to control colour depth.	

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Penetrating Stains



Description:	PENETRATING WOOD STAINS based on the highest quality dyestuffs with or without the addition of natural asphalt.
Product:	Wood Stains
Product Code:	3900 series.
Pack size:	5lt, 20lt, and 200lt
Colour:	A Std colour range, specials on request.
Gloss:	Matt Finish
Substrate:	For staining all types of softwoods and hardwoods including veneers.
Preparation:	Sand with 220-320 grit paper.
Mixing ratio:	N/A
Pot Life:	N/A
Application:	Spray, Dip, Rag Brush onto raw timber only. DO NOT USE OVER SEALED TIMBER
Film Thickness:	W.F.T - Depends on depth of colour required. D.F.T -
Surface Dry /	+/- 30 minutes depending on ambient temperature.
Force Dry:	10" @ 50°C.
Recoating:	30 mins after staining with Woodline or NC Lacquer.
Spreading Rate:	Depends on application.
Thinner / Thinning Ratio:	Can be thinned with GP60 Lacquer Thinners(1169) to control colour depth.

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Patina Stains



Description: These stains have been specially formulated for spray application to sealed substrates. After drying, they may be readily rubbed off the edges of raised areas to give an “antique” effect to the component after a final coat of lacquer. For maximum ease of rubbing off, a dry spraying technique should be used, avoiding the application of too-heavy wet coats. The stains work well with acid catalyst, precatalyst and cellulose lacquers, which have been adequately dried. With cellulose sealing coats, the stain may need to be rubbed off with fine wire wool, particularly if not sufficiently dried before staining. Ensure that all operations using wire wool are carried out well away from the spraying area. The stains are available in an aromatic hydrocarbon-free solvent base. They are supplied ready for use and therefore should not require any further dilution.

Product: Patina

Product Code: 3900 series

Pack size: 5LT

Colour: Various

Gloss: Matt

Preparation: Seal timber with AC or NC Lacquer

Application: Spray

Film Thickness: 15 - 20um DFT

Surface Dry /: 5 mins

Force Dry: N/A

Recoating: AC & NC Lacquers

Spreading Rate: +/- 3m² / LT

**Thinner /
Thinning Ratio:** Not required

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HVNC Sealer



Description:	Nitro Cellulose based wood sanding sealer.		
Product:	HVNC Sealer		
Product Code:	8105		
Pack size:	5LT, 20LT, 200LT		
Colour:	Clear		
Gloss:	Matt		
Substrate:	For sealing all types of softwood and hardwood including veneers.		
Preparation:	Sand with 220 grit paper.		
Mixing ratio:	1:1 with GP 60 Lacquer Thinners (1169), by volume.		
Pot Life:	N / A		
Application:	Conventional spray, Airless, Air assisted, Dip.		
Film Thickness:	Approx. 20 – 30 micron.		
Surface Dry / Hard Dry:	Touch Dry – To Sand –	15 minutes 30 mintues	It should be noted that these indicated times can vary considerably with changes in ambient temperatures can film build. Above times are at 25°C.
Force Dry:	Approx. 50°C.		
Recoating:	Refer to Technical Department.		
Spreading Rate:	6 - 8m_ / LT		
Thinner / Thinning Ratio:	1:1 with GP 60 Lacquer Thinners (1169).		

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Harfred Supawood Sealer



Description:	Acid Catalysed Sealer suitable for edges of MDF/Supawood.
Product:	Cataseal Harfred Supawood
Product Code:	8309
Pack size:	1lt, 5lt, 20lt, 200lt
Colour:	Clear
Gloss:	Matt
Substrate:	MDF/Supawood
Preparation: Mixing ratio: Pot Life:	Sand with 180-220 paper 4% Catalyst NJ (by volume) 8 hrs @ 25°C
Application:	Brush, Spray
Film Thickness:	WFT 3150um DFT 350um
Surface Dry / Hard Dry:	15 mins @ 25°C 2 hrs @ 25°C
Force Dry: Recoating:	15 min @ 50-60°C After 2 hrs
Spreading Rate:	80 - 120g/m ²
Thinner / Thinning Ratio:	CFS - 20% for spray application Unthinned for brush application

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Primers & Sealer

- > 221 White Primer
- > Brushable Sanding Clear
- > DSS Sealer
- > Hi-body White Primer
- > RFU NC Sealer
- > Sanding Sealer



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221 White Primer



Description:	Nitro Cellulose based white wood primer.		
Product:	221 White Primer		
Product Code:	8110		
Pack size:	5LT, 20LT, 200LT		
Colour:	White		
Gloss:	Matt		
Substrate:	For sealing all types of softwood and hardwood including veneers.		
Preparation:	Sand with 220 grit paper.		
Mixing ratio:	2:1 by volume with GP 60 Lacquer Thinners (1169).		
Pot Life:	N/A		
Application:	Conventional spray, Airless, Air assisted, Dip.		
Film Thickness:	100 - 120gms / m ₂		
Surface Dry / Hard Dry:	Touch Dry - Hard -	15 minutes 2 hours	It should be noted that these indicated times can vary considerably with changes in ambient temperatures can film build. Above times are at 25°C.
Force Dry:	Approx. 50°C		
Recoating:	Refer to Technical Department.		
Spreading Rate:	6 - 8m ₂ / LT		
Thinner / Thinning Ratio:	2:1 by volume with GP 60 Lacquer Thinners (1169).		

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Brushable Sanding Clear



Description:	Nitro-cellulose based sanding sealer suitable for brush application.
Product:	Sanding Sealer Clear
Product Code:	8105-211
Pack size:	1LT, 5LT
Colour:	Clear
Gloss:	Matt
Substrate:	For sealing all types of softwood and hardwood including veneers.
Preparation:	Sand with 220 grit paper
Mixing ratio:	N/A
Pot Life:	12 months
Application:	Brush
Film Thickness:	Approx 20-30 micron
Surface Dry / Touch Dry	15 mins at 25°C
Hard Dry:	To Sand - 40 mins at 25°C It should be noted that these indicated times can vary considerably with changes in ambient temperatures.
Force Dry:	350°C for 20 mins
Recoating:	Nitrocellulose/Acid-Catalysed
Spreading Rate:	6-8m ² /LT
Thinners / Thinning Ratio:	Thin with retarder thinners (1104) (310%)

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DSS Sealer



Description:	Chemspec DSS Sealer are designed to be used as dipping sealers for high volume chair etc.
Product:	DSS Sealers
Product Code:	8359, 8342
Pack size:	20LT, 200LT
Colour:	Clear, Lt Brown, Dk Brown
Gloss:	Sheen
Substrate:	For sealing all types of softwood and hardwood including veneers.
Preparation:	Sand with 220 grit paper.
Mixing ratio:	2% by volume (not to be exceeded) with 8201 Catalyst HW.
Pot Life:	3 30 months @ 25°C
Application:	Dipping, Spraying
Film Thickness:	20 - 25 micron.
Surface Dry / Hard Dry:	30 min @ 25°C 2 hours @ 25°C
Force Dry:	At 50°C
Recoating:	Refer to Technical Department.
Spreading Rate:	10m ² /LT
Thinner / Thinning Ratio:	MD Thinners, 1158
Stability:	Has long stability when catalysed @ 2%. Although viscosity should be periodically checked and adjusted with 1158, MD Thinners

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Hi-body White Primer



Description:	Nitro Cellulose based white wood primer.	
Product:	Hi-Body White Primer	
Product Code:	8111	
Pack size:	5LT, 20LT, 200LT	
Colour:	White	
Gloss:	Matt	
Substrate:	For sealing all types of softwood and hardwood including veneers.	
Preparation:	Sand with 220 grit paper.	
Mixing ratio:	1:1 with GP 60 Lacquer Thinners(1169), by volume..	
Pot Life:	N/A	
Application:	Conventional spray, Airless, Air assisted, Dip.	
Film Thickness:	Approx. 30 micron.	
Surface Dry /	Touch Dry -	15 minutes
Hard Dry:	To Sand - 30 mintues It should be noted that these indicated times can vary considerably with changes in ambient temperatures can film build. Above times are at 25°C.	
Force Dry:	Approx. 50°C.	
Recoating:	Refer to Technical Department.	
Spreading Rate:	6 - 8m ² / LT	
Thinner / Thinning Ratio:	1:1 with GP 60 Lacquer Thinners (1169).	

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RFU NC Sealer



Description:	A ready for use Nitro Cellulose based sanding sealer for wood.
Product:	RFU NC Sealer
Product Code:	8106
Pack size:	5LT, 20LT, 200LT
Colour:	Clear
Gloss:	Matt
Substrate:	For sealing all types of softwood and hardwood including veneers.
Preparation:	Sand with 220 grit paper.
Mixing ratio:	R.F.U
Pot Life:	N/A
Application:	Conventional spray, Airless, Air assisted, Dip.
Film Thickness:	Approx. 20 - 30 micron.
Surface Dry /	Touch Dry - 15 minutes
Hard Dry:	To Sand - 30 mintues It should be noted that these indicated times can vary considerably with changes in ambient temperatures can film build. Above times are at 25°C.
Force Dry:	Approx 50°C
Recoating:	Refer to Technical Department.
Spreading Rate:	6-8m ² /LT
Thinner / Thinning Ratio:	GP60 Lacquer Thinners (1169)

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Sanding Sealer



Description:	Nitro Cellulose sanding sealer.
Product:	Sanding Sealer
Product Code:	8109
Pack size:	5LT, 20LT, 200LT
Colour:	Clear
Gloss:	Matt
Substrate:	For sealing all types of softwood and hardwood including veneers.
Preparation:	Sand with 220 grit paper.
Mixing ratio:	1:1 with GP60 Lacquer Thinners (1169).
Pot Life:	N/A
Application:	Conventional spray, Airless, Air assisted, Dip.
Film Thickness:	Approx. 20 - 30 micron.
Surface Dry /:	Touch Dry - 15 minutes
Hard Dry:	To Sand - 30 mintues It should be noted that these indicated times can vary considerably with changes in ambient temperatures can film build. Above times are at 25°C.
Force Dry:	Approx. 50°C
Spreading Rate:	6 - 8m ² / LT
Thinner / Thinning Ratio:	1:1 with Lacquer Thinners (1169).

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Accessories

- > **Barrier Release White**
- > **Chembleach (Twin Pack Bleaching Agent)**
- > **De Bubble Additive**
- > **Fish Eye Eliminator**
- > **Penetrating Oil**



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Barrier Release White



Description:	Suitable as a primer for Polyurethane mouldings used in the furniture industry.
Product:	Barrier Release White
Product Code:	3484
Pack size:	5LT & 20LT
Colour:	White
Gloss:	Sheen
Substrate:	P / U moulding
Preparation:	Wipe with GP60 Lacquer Thinners (1169).
Mixing ratio:	N/A
Pot Life:	12 months
Application:	Conventional spray
Film Thickness:	15 - 20 micron DFT
Surface Dry / Hard Dry:	10 min 1 hour
Force Dry:	N/A
Recoating:	AC & NC Lacquers
Spreading Rate:	+5m ₂ / LT
Thinner / Thinning Ratio:	GP 60 Lacquer Thinners, (1169).

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Chembleach (Twin Pack Bleaching Agent)



Description: For bleaching timbers such as Pine, Oak, Beech, Saligna, Meranti etc. prior to coating.

Product: 2051 / 2052

Sanding: All timber must be sanded to specification before bleaching.

Mixing: Decant Chembleach Code 2051 into a suitable plastic container.
Add 5% by weight, of Chembleach Activator, Code 2052, and stir until dissolved.

Pot Life: The mixed bleach must be used within 3 hours.

Application: Apply mixed bleach by sponge to the timber at the rate of 50 - 80 grms per square meter and wipe off excess. Allow to stand a minimum of 24 hours before coating.
Forced drying is not recommended.

Disposal: Left over Chembleach must not be returned to the original container and sealed for use at a later stage since this can lead to pressure build up and bursting of containers. It must be poured down the drain with copious amounts of cold water to dilute to a safe concentration.

Sponges soaked with Chembleach should be washed, after use, with copious amounts of cold water and dried before re-use.

They must never come into contact with general waste, ie. thrown into waste bins, as this could cause serious fires.

Safety: Protective equipment such as goggles, gloves and plastic aprons must be worn during mixing and application of this product.

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De Bubble Additive



Description:	To eliminate solvent rash and bubbling which may be encountered in hot conditions.
Product:	De Bubble Additive
Product Code:	2002
Pack size:	5LT
Colour:	Clear
Gloss:	N/A
Substrate:	N/A
Preparation:	N/A
Mixing ratio:	0.2% by volume into Woodline, Superlac, FDE.
Pot Life:	N/A
Application:	N/A
Film Thickness:	N/A
Surface Dry / Hard Dry:	N/A
Spreading Rate:	N/A

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Fish Eye Eliminator



Description:	Prevents curtain splitting for Curtain Coating application and stops fish-eyes caused by oil, water and grease.
Product:	Anti-curtain Split / Fish-Eye Eliminator
Product Code:	2003
Pack size:	250ml, 500ml, 1lt, 5lt
Colour:	Clear
Gloss:	N/A
Substrate:	Wood
Preparation:	N/A
Mixing ratio:	0.8% on total paint
Pot Life:	12 months from date of manufacture
Application:	N/A
Film Thickness:	N/A
Surface Dry / Hard Dry:	N/A
Force Dry:	N/A
Recoating:	If added to primer, all subsequent coats must contain the same quantity of 2003.
Thinner / Thinning Ratio:	N/A
Spreading Rate:	N/A

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Penetrating Oil



Description:	An oil based exterior wood dressing. This product has good weathering properties and water repellency. Ideally suited for areas where normal alkyd varnishes fail.
Product:	Penetrating Oil
Product Code:	3941 series
Pack size:	5LT, 20LT, 200LT
Colour:	Clear and various colours.
Gloss:	Semi Gloss.
Substrate:	All hardwood, softwood & veneers.
Preparation:	All surfaces must be clean, dry and free of wax. On previously coated wood, best results are attained if all existing coatings are removed to bare surface means by Paint Remover.
Mixing ratio:	R.F.U
Pot Life:	N/A
Application:	Dipping, spraying and ragging. Allow to dry for a minium period of 12 hours and sand lightly. We recommend a light sanding between coats.
Film Thickness:	20 - 25 microns DFT
Surface Dry / Hard Dry:	4 hours at 25°C 24 hours at 25°C
Force Dry:	N/A
Recoating:	12 hours at 25°C
Spreading Rate:	12m_ / LT
Thinner / Thinning Ratio:	R.F.U (Turps if required).

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