QUALITY FASHIONS.





1 SHEEP PATENT LEATHER - "Classic - Type", smooth 2 SHEEP UPPER NAPPA - "Natural - Look", satin gloss 3 XTAN GOAT SUEDE LEATHER - mellow handle FERN 8 4 CALF LEATHER - "Aniline - Type", semi-matt GOLDEN GLOW 12 FRANGRANZA MARINA 5 BAG LEATHER - "Granular - Look", dull CHATEAU GRAY 16 6 FANCY NUBUCK - smooth, silky touch SEAPORT 19 7 FOC BAG LEATHER - "Natural - Look", shiny tips AMBER YELLOW 21 8 FANCY LEATHER - "Snake - Imitation", two-tone effect NATURAL / FOLIAGE GREEN 23 SILENZIO PROVENZALE 9 MAT PATENT NAPPA - "Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER - "Satinized - Look", negative embossed PINK LADY 28 11 BAG LEATHER - "Grainy - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39 16 SHOE NAPPA - "Grainy - Look", slight Pull Up TOPXZ 41	VIGOROSO	IMPULSO		Page
**************************************	1 SHEEP PATENT LEATHER	- "Classic - Type", smooth	FOLIAGE GREEN	4
GOAT SUEDE LEATHER - mellow handle FERN 8 4 CALF LEATHER - "Aniline - Type", semi-matt GOLDEN GLOW 12 FRANGRANZA MARINA 5 BAG LEATHER - "Granular - Look", dull CHATEAU GRAY 16 6 FANCY NUBUCK - smooth, silky touch SEAPORT 19 7 FOC BAG LEATHER - "Natural - Look", shiny tips AMBER YELLOW 21 8 FANCY LEATHER - "Snake - Imitation", two-tone effect NATURAL / FOLIAGE GREEN 23 SILENZIO PROVENZALE 9 MAT PATENT NAPPA - "Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER - "Vintage - Type", dull matt PINK LADY 28 11 BAG LEATHER - "Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA - "AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	2 SHEEP UPPER NAPPA	– "Natural - Look", satin gloss	PURPLE POTION	6
FRANCHER -"Aniline - Type", semi-matt GOLDEN GLOW 12 FRANCHER -"Aniline - Type", semi-matt GOLDEN GLOW 12 FRANCHER -"Granular - Look", dull CHATEAU GRAY 16 FANCY NUBUCK - smooth, silky touch SEAPORT 19 FOC BAG LEATHER -"Natural - Look", shiny tips AMBER YELLOW 21 FANCY LEATHER -"Snake - Imitation", two-tone effect NATURAL/ FOLIAGE GREEN 23 SILENZIO PROVENZALE MAT PATENT NAPPA -"Reptile - Look", negative embossed CELANDINE 26 MAT PATENT NAPPA -"Reptile - Look", negative embossed PINK LADY 28 MAT BAG LEATHER -"Vintage - Type", dull matt PINK LADY 30 BAG NAPPA -"AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE TANA SPORTS SHOE NAPPA -"AQUACAST - Coating", smooth WHITE 37 MAT SPORTS SHOE NAPPA -"AQUACAST - Coating", shiny tips ORANGE.COM 39			550.	
FRANGRANZA MARINA 5 BAG LEATHER - "Granular - Look", dull CHATEAU GRAY 16 6 FANCY NUBUCK - smooth, silky touch SEAPORT 19 7 FOC BAG LEATHER - "Natural - Look", shiny tips AMBER YELLOW 21 8 FANCY LEATHER - "Snake - Imitation", two-tone effect NATURAL / FOLIAGE GREEN 23 SILENZIO PROVENZALE 9 MAT PATENT NAPPA - "Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER - "Vintage - Type", dull matt PINK LADY 28 11 BAG LEATHER - "Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA - "AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39				
5 BAG LEATHER -"Granular - Look", dull CHATEAU GRAY 16 6 FANCY NUBUCK - smooth, silky touch SEAPORT 19 7 FOC BAG LEATHER -"Natural - Look", shiny tips AMBER YELLOW 21 8 FANCY LEATHER -"Snake - Imitation", two-tone effect NATURAL / FOLIAGE GREEN 23 SILENZIO PROVENZALE 9 MAT PATENT NAPPA -"Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER -"Vintage - Type", dull matt PINK LADY 28 11 BAG LEATHER -"Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA -"AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER -"Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA -"AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER -"AQUACAST - Coating", shiny tips ORANGE.COM 39	4 CALF LEATHER	– "Aniline - Type", semi-matt	GOLDEN GLOW	12
6 FANCY NUBUCK -smooth, silky touch SEAPORT 19 7 FOC BAG LEATHER -"Natural - Look", shiny tips AMBER YELLOW 21 8 FANCY LEATHER -"Snake - Imitation", two-tone effect NATURAL/ FOLIAGE GREEN 23 SILENZIO PROVENZALE 9 MAT PATENT NAPPA -"Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER -"Vintage - Type", dull matt PINK LADY 30 11 BAG LEATHER -"Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA -"AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER -"Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA -"AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER -"AQUACAST - Coating", shiny tips ORANGE.COM 39	FRANGRANZ	ZA MARINA		
7 FOC BAG LEATHER -"Natural - Look", shiny tips AMBER YELLOW 23 SILENZIO PROVENZALE 9 MAT PATENT NAPPA -"Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER -"Vintage - Type", dull matt PINK LADY 28 11 BAG LEATHER -"Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA -"AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER -"Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA -"AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER -"AQUACAST - Coating", shiny tips ORANGE.COM 39	5 BAG LEATHER	– "Granular - Look", dull	CHATEAU GRAY	16
SILENZIO PROVENZALE **MAT PATENT NAPPA - "Reptile - Look", negative embossed CELANDINE 26 **10 BAG LEATHER - "Vintage - Type", dull matt PINK LADY 30 **11 BAG LEATHER - "Satinized - Look", metallic PINK LADY 30 **12 BAG NAPPA - "AQUACAST - Coating", satin gloss PROVENCE 32 **FRUTTI DELL'ESTATE **13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 **14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 **15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	6 FANCY NUBUCK	– smooth, silky touch	SEAPORT	19
SILENZIO PROVENZALE 9 MAT PATENT NAPPA - "Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER - "Vintage - Type", dull matt PINK LADY 30 11 BAG LEATHER - "Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA - "AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	7 FOC BAG LEATHER	- "Natural - Look", shiny tips	AMBER YELLOW	21
9 MAT PATENT NAPPA - "Reptile - Look", negative embossed CELANDINE 26 10 BAG LEATHER - "Vintage - Type", dull matt PINK LADY 28 11 BAG LEATHER - "Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA - "AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	8 FANCY LEATHER	- "Snake - Imitation", two-tone effect	NATURAL/FOLIAGE GREEN	23
10 BAG LEATHER -"Vintage - Type", dull matt PINK LADY 30 11 BAG LEATHER -"Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA -"AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER -"Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA -"AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER -"AQUACAST - Coating", shiny tips ORANGE.COM 39	SILENZIO PI	ROVENZALE		
11 BAG LEATHER - "Satinized - Look", metallic PINK LADY 30 12 BAG NAPPA - "AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	9 MAT PATENT NAPPA	- "Reptile - Look", negative embossed	CELANDINE	26
12 BAG NAPPA - "AQUACAST - Coating", satin gloss PROVENCE 32 FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	10 BAG LEATHER	- "Vintage - Type", dull matt	PINK LADY	28
FRUTTI DELL'ESTATE 13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	11 BAG LEATHER	- "Satinized - Look", metallic	PINK LADY	30
13 X-TAN BAG LEATHER - "Vegetable - Type", semi-matt PURPLE PLUMERIA 35 14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	12 BAG NAPPA	- "AQUACAST - Coating", satin gloss	PROVENCE	32
14 X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips ORANGE.COM 39	FRUTTI DEL	L'ESTATE		
SPORTS SHOE NAPPA - "AQUACAST-Coating", smooth WHITE 37 15 SPLIT BAG LEATHER - "AQUACAST-Coating", shiny tips ORANGE.COM 39	13 X-TAN BAG LEATHER	- "Vegetable - Type", semi-matt	PURPLE PLUMERIA	35
		– "AQUACAST - Coating", smooth	WHITE	37
16 SHOE NAPPA - "Grainy - Look", slight Pull Up TOPAZ 41	15 SPLIT BAG LEATHER	- "AQUACAST - Coating", shiny tips	ORANGE.COM	39
	16 SHOE NAPPA	- "Grainy - Look", slight Pull Up	TOPAZ	41





Business Unit Leather

Type of Leather: SHEEP PATENT LEATHER - "Classic - Type", smooth G 1

01.20 e

Material: sheepskin wet blue 1 / 1

Substance: 0.9 - 1.0 mm

% based on: shaved weight FOLIAGE GREEN

Process	% Product		Time min	Remarks	
Wash	300	water 40°C			
	0.5	BLANCOROL CGA-C			
	1.0	PELTEC ADN (1:5)	60	drain	
NA/	200	1 1000	- 10	1	
Wash	300	water 40°C	10	drain	
Chrome retan /	100	water 40°C			
Pre-fatliquor	5.0	BAYCHROM F-D			
'	4.0	BLANCOROL RC			
	1.0	BAYKANOL Licker SCLM 01 (1:4)	120		
		run overnight for 5 min every hour		drain	
Neutralization /	150	water 35°C			
Retannage	2.0	TANIGAN PAK	30		
+	6.0	BAYTIGAN AR (1:4)	40	drain	
т	0.0	BATTIGAN AN (1.4)	40	uranı	
Wash	300	water 35°C	10	drain	
Determose /	100	water 35°C			
Retannage /	6.0		30		
Dyeing +	5.0	RETINGAN RLF TANIGAN F	30		
+	3.0	RETINGAN R7	40		
+	2.0	BAYKANOL TF-2N-C 01	40		
тт			10		
+	2.0	TANIGAN SR-C 01 BAYGENAL dyestuffs	10 60	Ø penetration	
+	100	water 50°C	10	heating 50°C	
+	1.5	formic acid 85% (1:10)	40	drain	
		()			
Fatliquor	100	water 50°C			
	4.0	LEVOTAN LS)			
	3.0	BAYKANOL Licker SCLM 01) (1:4)			
	2.0	BAYKANOL Licker KM)	60		
+	2.0	TANIGAN F	30		
+	1.0	formic acid 85% (1:10)	30	drain	
Wash	300	water 20°C	10		

horse up, set out, suspension drying, condition, stake, buff 2 times with paper 400, de-dust



Business Unit Leather

Preparations:

Type of Leather: SHEEP PATENT LEATHER - "Classic - Type", smooth Z 1

01.20 e

Material: sheepskin leather, corrected grain

by weight

1/1

Color: FOLIAGE GREEN

FOLIAGE GREEN

Product	Base Coat	Lacquer		
BAYGEN Compact DD	850			
AQUADERM Fluid E	10			
AQUADERM X-Pigments B / C	150			
BAYGEN Top U 01		1000		
*solvent mixture		250 - 300		
BAYGEN Hardener SN 2		630 - 680		

Application	
Base Coat	2 reverse coats (approx. 16-18 g / sq.ft., total) dry, through-feed plating at 80°C / 20 bar, 5 reverse coats (approx. 35 g / sq.ft., total), dry
Lacquer	1 curtain coat (approx. 18-20 g / sq.ft.), dry overnight in a well ventilated room at approximately 40°C
Remarks:	* solvent mixture (water free, PU-grade quality) ethyl acetate 500 - 375 pts butyl acetate 500 - 375 pts **cyclohexanone 0 - 250 pts
	** For further information regarding the use of cyclohexanone in the lacquer formulation, please contact your local LANXESS representative, or refer to the re-vised technical data sheet of the corresponding BAYGEN products.



Business Unit Leather

Type of Leather: SHEEP UPPER NAPPA - "Natural - Look", satin gloss G 2

01.20 e

Material: sheepskin wet blue

1/1

Substance: 0.9 - 1.0 mm % based on: shaved weight

PURPLE POTION

Process		%	Product	Time min	Remarks
Wash		300	water 40°C		
		0.5	BLANCOROL CGA-C		
		1.0	PELTEC ADN (1:5)	60	drain
Wash		300	water 40°C	10	drain
Chrome retan /		100	water 40°C		
Pre-fatliquor		5.0	BAYCHROM F-D		
		4.0	BLANCOROL RC		
		1.0	BAYKANOL Licker SCLM 01 (1:4)	120	
			run overnight for 5 min every hour		drain
Neutralization /		150	water 35°C		
Retannage		2.0	TANIGAN PAK	30	
	+	6.0	BAYTIGAN AR (1:4)	40	drain
10/a a b		200	Luctor 25°C	10	dania
Wash		300	water 35°C	10	drain
Retannage /		100	water 35°C		
Dyeing		6.0	RETINGAN RLF	30	
	+	5.0	TANIGAN BN		
		3.0	RETINGAN R7	40	
	+	2.0	BAYKANOL TF-2N-C 01		
		2.0	TANIGAN SR-C 01	10	
	+	3.5	BAYGENAL dyestuffs	60	Ø penetration
	+	100	water 50°C	10	heating 50°C
	+	1.5	formic acid 85% (1:10)	20	
	+	1.0	formic acid 85% (1:10)	40	drain
Fatliquor		100	water 50°C		
		4.0	BAYKANOL Licker SCLM 01)		
		4.0	LEVOTAN LS) (1:4)		
		3.0	BAYKANOL Licker KM)	60	
	+	2.0	TANIGAN F	30	
	+	1.0	formic acid 85% (1:10)	30	drain
Mach.		200	Luctor 20°C	10	
Wash		300	water 20°C drying, condition, stake, dry-drum for 12 hr	10	



Business Unit Leather

Preparations:

Type of Leather: SHEEP UPPER NAPPA - "Natural - Look", satin gloss Z 2

01.20 e

Material: sheepskin leather, full grain

by weight

1/1

Color: PURPLE POTION

PURPLE POTION

Product	Adhesion	Base	Тор		
	Coat	Coat	Coat		
BAYDERM Prebottom APV	200				
water	400	650	540		
methoxy propanol	200				
isopropanol	200				
EUDERM Filler F		50			
EUDERM Luster L		30			
PRIMAL FGR		110			
BAYDERM X-tra PS 3		40			
AQUADERM X-Shield HPS		20	30		
AQUADERM X-Pigments B / C		40 - 60			
LEVADERM dyestuffs WB		10 - 40			
crosslinking agent		1	1		
ISODERM LA 85-N-C			300		
BAYDERM Finish 85 UD			100		
EUDERM Additive WKF liq. 01			30		
				1	

Application	
Adhesion Coat	1 spray coat, dry
Base Coat	2 spray coats, dry, through-feed plating at 80°C / 20 bar, 2 spray coats, dry
Top Coat	2 spray coats, dry, dry-drum for 2 hrs, kiss-plate 90°C / 100 bar
Remarks:	



Business Unit Leather

Type of Leather: X-TAN GOAT SUEDE LEATHER - mellow handle G 3

01.20 e

Material: pickled goatskin 1 / 3

Substance: full substance

% based on: pickled weight + 50 % FERN

Process		%	Product	Time min	Remarks
Wetting back /		100	water 25°C		
Depickling	\neg	10	common salt		
		1.0	sodium formate		
	\Box	0.5	PELTEC AN2 (1:5)	10	
			add pickled pelts	90	pH: 4.0
	+	1.0	sodium acetate		
	\neg	0.6	sodium carbonate	60	
	+	0.6	sodium carbonate	60	pH: 7.0 - 7.5
	\neg				drain
Wash		200	water 25°C	10	drain
Degreasing		100	water 25°C		
		0.5	PELTEC BB		
		3.0	PELTEC AN2 (1:5)	60	
	+	100	water 25°C	10	drain
Wash	\Box	200	water 25°C	10	drain
	\perp				
Lubrication /		100	water 25°C		
Pre-tannage		2.0	Peramit LSW (1:8)	10	
	+	4.0	X-TAN W	60	
		0.3	PREVENTOL U-Tec G	10	
	+	4.0	X-TAN W	8 hrs	
	\perp		run overnight for 5 min every hour		pH: 7.0
	_				
	+	4.0	TANIGAN 3LN	60	
	+	0.5	formic acid 85% (1:10)	30	
	+	0.5	formic acid 85% (1:10)	30	
	+	0.5	formic acid 85% (1:10)	60	pH: 4.0
	\dashv				drain
Wash	\dashv	200	water 25°C	10	
	\dashv				
	+				
	\dashv				
	\dashv				
	\dashv				

horse up, sam, shave to 1.0 - 1.1 mm, weigh

continued next page



Business Unit Leather

Type of Leather: X-TAN GOAT SUEDE LEATHER - mellow handle G 3

01.20 e

Material: goatskin X-White 2 / 3

Substance: 1.0 - 1.1 mm

% based on: shaved weight FERN

Process	%	Product	Time min	Remarks	
Wash	300	water 35°C			
	1.0	Peramit LSW (1:8)			
	0.5	PELTEC AN2 (1:5)	40	drain	
Tannage /	100	water 35°C			
Fatliquor	5.0	TANIGAN 3LN			
	3.0	TANIGAN PR	40		
+	5.0	Truposol LEX)			
	5.0	Trupon SWS) (1:4)			
	2.0	Pellastol 94 S)	20		
+	8.0	LEVOTAN RP (1:4)	20		
+	6.0	TANIGAN 3LN			
	6.0	TANIGAN HS			
	5.0	RETINGAN RLF	30		
+	5.0	Truposol LEX)			
	5.0	Trupon SWS) (1:4)			
	2.0	Pellastol 94 S)	20		
+	6.0	TANIGAN 3LN			
	6.0	TANIGAN HS			
	6.0	Tara			
	5.0	RETINGAN RLF	180		
		run overnight for 5 min every hour			
+	100	water 50°C	10	heating 50°C	
+	8.0	Truposol LEX)			
	8.0	Trupon SWS)			
	2.0	Pellastol 94 S) (1:4)			
	1.0	Peramit LSW)	90		
+	1.0	formic acid 85% (1:10)	10		
+	2.0	formic acid 85% (1:10)	40	drain	
Nash	300	water 20°C	10		

horse up, set out, suspension drying, condition, stake, buff flesh side with paper 320 and 400, de-dust, weigh

continued next page



Business Unit Leather

Type of Leather: X-TAN GOAT SUEDE LEATHER - mellow handle G 3

01.20 e

Material: goatskin X-TAN leather 3 / 3

Substance: 1.0 - 1.1 mm

% based on: dry weight FERN

Process	%	Product	Time min	Remarks
Wetting back	600	water 35°C		
	1.0	PELTEC AN2 (1:5)	20	drain
Dyeing	20	water 25°C		
Dyenig	2.0	BAYKANOL TF-2N-C 01	10	
+	6.0	BAYGENAL dyestuffs	40	
+	600	water 45°C	10	
+	2.0	formic acid 85% (1:10)	30	
				drain
+	2.0	formic acid 85% (1:10)	30	drain
Lubrication /	300	water 45°C		
Topping	8.0	LEVOTAN LS)		
	3.0	LEVOTAN W) (1:4)	60	
+	1.0	formic acid 85% (1:10)	20	drain
Wash	400	water 45°C	10	drain
NA/ 1	400	1 0000	10	
Wash	400	water 20°C	10	
horse un set out s	uenenein	n drying, condition, stake, dry-drum for 4 hrs		

horse up, set out, suspension drying, condition, stake, dry-drum for 4 hrs



Business Unit Leather

Type of Leather:	X-TAN GOAT	SUEDE LEATHER	- mellow handle	Z 3
, i		• •		

01.20 e **1/1**

Material: goatskin X-TAN leather, suede

Color: FERN by weight

FERN

Product	Touch Top		
BAYDERM Prebottom APV	70		
water	900		
AQUADERM X-Shield HPS	30		

Application	
Touch Top	1 spray coat, dry
Remarks:	



Business Unit Leather

Type of Leather: CALF LEATHER - "Aniline - Type", semi-matt G 4

01.20 e

Material: calf wet blue 1/2

Substance: 0.9 - 1.0 mm

% based on: shaved weight GOLDEN GLOW

Process	%	Product		Remarks
Wash	300	water 35°C		
	0.5	oxalic acid		
	0.2	PELTEC AN2 (1:5)	30	drain
	400			
Chrome retan /	100	water 35°C EUDERM X-tra Oil L 3 (1:4)		
Neutralization	0.5	10		
+	4.0	BAYCHROM F-D		
	3.0	BLANCOROL RC	120	
+	1.0	sodium formate	120	
		run overnight for 5 min every hour		drain
Neutralization /	100	water 35°C		
Retannage				
1 Claimaye	0.3	sodium bicarbonate	20	
+	5.0	LEUKOTAN 1093 (1:4)	30	drain
т	3.0	(1.4)	30	uraiii
Wash	300	water 35°C	10	drain
Retannage /	80	water 35°C		
	2.0	TANIGAN PR	10	
Dyeing +	5.0	RETINGAN R7	30	
+	14	TANIGAN F	30	
	2.0	TANIGAN OS		
	16	Chestnut N		~
	2.0	BAYGENAL dyestuffs	90	Ø penetration
+	100	water 50°C	10	heating 50°C
+	1.5	formic acid 85% (1:10)	30	drain
Fatliquor	100	water 50°C		
•	2.0	EUREKA 800-R-I		
	2.0	Prinol SCF-1) (1:4)		
	1.5	EUDERM X-tra Oil L 3	60	
+	1.0	formic acid 85% (1:10)	30	drain

The above formulation is intended solely as a guide for our business partners and others interested in our products. As the conditions of use and application of the suggested formulation are beyond our control, it is imperative that it be tested to determine, to your satisfaction, whether it is suitable for your intended use(s) and application(s). This application-specific analysis at least must include testing to determine suitability from a technical, as well as health, safety and environmental standpoints. Further, although the ingredients, quantities thereof and properties of compounds or finished goods mentioned herein reflect our continuous review and/ or updating, and you agree that use is undertaken at your sole risk. All information is given without warranty or guarantee, and it is expressly understood and agreed that you assume, and hereby expressly release us from, all liability, in tort, contract or otherwise, incurred in connection with the use of this guide.

continued next page



Business Unit Leather

Type of Leather: CALF LEATHER - "Aniline - Type", semi-matt G 4

01.20 e

Material: calf wet blue 2 / 2

Substance: 0.9 - 1.0 mm

% based on: shaved weight GOLDEN GLOW

Process	%	Product	Time min	Remarks
Top dyeing /	200	water 50°C		
Topping	1.0	BAYGENAL dyestuffs (1:20)	10	
+	1.0	formic acid 85% (1:10)	20	
+	2.0	Gambier lig. (1:2)		
	0.5	EUDERM X-tra Oil L 3 (1:5)	15	drain
Wash	200	water 50°C	10	drain
Wash	200	water 20°C	10	

horse up, set out, vacuum dry for 2 min at 50°C, hang up to complete drying, condition, stake

by weight



Business Unit Leather

Preparations:

Type of Leather: CALF LEATHER - "Aniline - Type", semi-matt Z 4

01.20 e

Material: calf leather, full grain

1/1

Color: GOLDEN GLOW

GOLDEN GLOW

Product	Stain	Touch		
	Coat	Тор		
EUDERM X-tra Wax PW	60			
EUDERM X-tra Oil L 3	60			
water	550	650		
methoxy propanol	60			
butyl glycol	60			
isopropanol	180			
LEVADERM dyestuffs WB	50	10		
AQUADERM Matt HPM-N		100		
EUDERM Filler F		100		
EUDERM X-tra Wax Pull Up		20		
EUDERM X-tra Wax P 2		30		
EUDERM X-tra Wax WB 2		30		
EUDERM X-tra Oil L 3		30		
EUDERM X-tra Wax TG		20		
ROSILK 2229 Feel Modifier		15		

Application						
Stain Coat 1 reverse coat (approx. 6-8 g / sq.ft.), suspension drying						
Touch Top	2 spray coats, dry, kiss-plate 70°C / 50 bar,					
	1 spray coat, dry					
Remarks:						





Business Unit Leather

Type of Leather: BAG LEATHER - "Granular - Look", dull

G 5 01.20 e

Material: bovine wet blue 1/2

Substance: 1.4 - 1.5 mm

% based on: shaved weight CHATEAU GRAY

Process	%	Product	Time min	Remarks
Wash	200	water 40°C		
	0.5	PELTEC ADN (1:5)		
	0.5	formic acid 85% (1:10)	30	pH: 3.2
		, i		drain
Wash	200	water 35°C	10	drain
Pre-fatliquor /	100	water 35°C		
Retannage /	1.5	TANIGAN PAK	15	pH: 3.9
Chrome retan / +	3.0	Ensul AM 90)		
Neutralization	2.0	Trupon SNF) (1:4)	30	pH: 3.7
+	4.0	LEUKOTAN 1084 (1:4)	30	pH: 4.3
+	2.0	RETINGAN R7	30	pH: 4.5
+	5.0	CHROMOSAL B	20	pH: 3.8
+	1.0	sodium acetate	60	
		run overnight for 5 min every hour		
+	1.0	sodium formate		
	1.5	sodium tripolyphosphate	20	pH: 4.4
+	1.5	sodium bicarbonate	60	pH: 5.6
				drain
Wash	200	water 20°C	10	drain
Retannage /	50	water 20°C		
Dyeing	6.0	LEUKOTAN 1084 (1:4)	30	pH: 5.8
+	7.0	TANIGAN BN		ľ
	2.0	TANIGAN PR		
	3.0	Mimosa		
	2.0	BAYKANOL TF-2N-C 01		
	3.0	BAYGENAL dyestuffs	60	Ø penetration
+	150	water 50°C	10	heating 50°C
+	1.5	formic acid 85% (1:10)	30	drain
Wash	200	water 50°C	10	drain
				continued next page

shaved weight



Business Unit Leather

% based on:

Type of Leather: BAG LEATHER - "Granular - Look", dull

G 5 01.20 e

Material: bovine wet blue

2/2

Substance: 1.4 - 1.5 mm

CHATEAU GRAY

Process		%	Product		me in	Remarks
Fatliquor		100	water 50°C			
		4.0	EUREKA 975-ES-I)			
		3.0	Lipsol MSG)			
		3.0	Trupon ACM) (1:	4)		
		2.0	Trupon SNF)			
		2.0	Trupon SWS)	6	0	
	+	4.0	Mimosa	3	0	
	+	1.0	formic acid 85% (1:1	0) 2	0	
	+	1.0	formic acid 85% (1:1		0	pH: 3.8
			· ·			drain
Top dyeing		200	water 50°C			
		2.0	BAYKANOL TF-2N-C 01			
		2.0	BAYGENAL dyestuffs (1:2	0) 2	0	
	+	2.0	formic acid 85% (1:1		0	drain
			,			
Wash		200	water 45°C	1	0	drain
	\neg					
Wash	\neg	200	water 20°C	1	0	
	\neg					
	\neg					
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horse up, set out, vacuum dry for 4 min at 40°C, hang up to complete drying, condition, stake, buff with paper 320, de-dust



Business Unit Leather

Type of Leather: BAG LEATHER - "Granular - Look", dull Z 5

01.20 e

Material: bovine leather, corrected grain

1/1

Color: CHATEAU GRAY

Preparations: by weight CHATEAU GRAY

Product	Base	Тор		
	Coat	Coat		
AQUADERM X-Pigments B / C	100			
EUDERM Luster L	50			
EUDERM Nappa Soft S 2	50			
EUDERM X-tra Oil L 3	30			
PRIMAL SCL-371	120			
PRIMAL FGR	60			
BAYDERM X-tra PS 3	30			
EUDERM Dispersion MA	70			
BAYDERM Bottom 10 UD	30			
water	450	500		
ISODERM LA 85-N-C		250		
BAYDERM X-tra Finish TV		100		
OPTI MATT A-2000LV		100		
AQUADERM Additive GF		10		
AQUADERM Additive SF		5		
ROSILK 2229 Feel Modifier		5		
AQUADERM XL 71		10		

Application	
Base Coat	2 spray coats, dry, emboss ("Granular Design") at 90°C / 80 bar / 3 s, 2 spray coats, dry
Top Coat	1 spray coat, dry, through-feed plating at 85°C / 50 bar, dry-drum for 12 hrs, kiss-plate 90°C / 50 bar
Remarks:	

shaved weight



Business Unit Leather

% based on:

Type of Leather: FANCY NUBUCK - smooth, silky touch

G 6 01.20 e

Material: calf wet blue

1/1

Substance: 1.1 - 1.2 mm

SEAPORT

Process	ocess % Product		Time min	Remarks
Wash	300	water 40°C		
	0.3	PELTEC ADN (1:5)		
	0.8	formic acid 85% (1:10)	30	drain
Chrome retan /	100	water 40°C		
Pre-fatliquor	3.0	BAYCHROM F-D		
·	3.0	BLANCOROL RC		
	1.0	BAYKANOL Licker SCLM 01 (1:4)	120	
		run overnight for 5 min every hour		drain
Neutralization /	150	water 30°C		
Retannage	2.0	TANIGAN PAK		
	1.0	sodium formate	30	pH: 4.7
+	5.0	LEUKOTAN 1093 (1:4)	40	pH: 5.3
				drain
Wash	200	water 30°C	10	drain
Retannage /	80	water 30°C		
Dyeing	3.0	TANIGAN LM		
, ,	3.0	TANIGAN UL		
	3.0	BAYKANOL PFM-C		
	1.0	BAYKANOL Licker SCLM 01 (1:4)	20	
+	2.0	BAYKANOL TF-2N-C 01		
	3.0	BAYGENAL dyestuffs		
	6.0	LEVOTAN X-Biomer RX-C liq. (1:4)	90	Ø penetration
+	100	water 50°C	10	heating 50°C
+	2.0	formic acid 85% (1:10)	40	drain
Fatliquor	100	water 50°C		
•	3.0	BAYKANOL Licker SCLM 01)		
	3.0	LEVOTAN LS)		
	3.0	LUBRITAN SPE) (1:4)		
	1.5	Truposol LEX)	60	
+	3.0	LEVOTAN RP (1:4)	30	
+	0.5	formic acid 85% (1:10)	20	drain
Wash	200	water 20°C	10	

horse up, set out, vacuum dry for 4 min at 40° C, hang up to complete drying, condition, stake, buff with paper 240, re-buff with paper 400, de-dust



Business Unit Leather

Type of Leather:	FANCY NUBUCK - s	smooth, silky touch	Z 6
			04.00 -

01.20 e

Material: calf leather, nubuck

Color: SEAPORT Preparations: by weight

SEAPORT

Product	Touch		
	Тор		
EUDERM X-tra Oil L 3	20		
AQUADERM X-Shield HO	160		
ROSILK 2229 Feel Modifier	20		
water	800		

Application	
Touch Top	1 spray coat, dry, dry-drum for 10 min
Remarks:	

shaved weight



Business Unit Leather

% based on:

Type of Leather: FOC BAG LEATHER - "Natural - Look", shiny tips

G 7 01.20 e

Material: bovine wet white

1/1

Substance: 1.1 - 1.2 mm

AMBER YELLOW

Process	%	Product	Time min	Remarks
Wash	300	water 30°C		
	1.0	Peramit LSW (1:8)		
	0.5	PELTEC AN2 (1:5)	40	drain
Neutralization /	80	water 30°C		
Tannage /	3.0	LEVOTAN AT 01 (1:4)	30	
Fatliquor / +	2.0	TANIGAN PAK		
Dyeing	1.0	sodium formate		
	0.5	sodium bicarbonate	60	
+	6.0	TANIGAN FT		
	5.0	Mimosa		
	4.0	Tara		
	5.0	LEVOTAN X-Biomer RX-C liq. (1:4)	40	
+	7.0	LEVOTAN LS)		
	5.0	Truposol LEX) (1:4)		
	3.0	Truposol GF)	40	
+	6.0	TANIGAN FT		
	1.0	TANIGAN PR		
	5.0	Mimosa		
	4.0	Tara		
	5.0	RETINGAN RLF	30	
+	1.8	BAYGENAL dyestuffs	180	
		run overnight for 5 min every hour		Ø penetration
+	100	water 45°C	10	heating 45°C
+	1.0	formic acid 85% (1:10)	15	
+	1.5	formic acid 85% (1:10)	30	pH: 3.9
				drain
Wash	250	water 45°C	10	drain
Fatliquor	100	water 45°C		
	9.0	Truposol LEX)		
	3.0	Truposol GF) (1:4)		
	1.5	LEVOTAN LS)	90	
+	1.0	formic acid 85% (1:10)	30	pH: 3.5
-		(1110)		drain
Wash	250	water 20°C	10	

horse up, set out, vacuum dry for 2 min at 40°C, hang up to complete drying, condition, stake



Business Unit Leather

Preparations:

Type of Leather: FOC BAG LEATHER - "Natural - Look", shiny tips

Z 7 01.20 e

Material: FOC bovine leather, full grain

by weight

1/1

Color: AMBER YELLOW

AMBER YELLOW

Product	Stain	Base	Adhesion	Тор	
	Coat	Coat	Coat	Coat	
LEVADERM dyestuffs WB	50		90		
water	750	700	450	150	
methoxy propanol	200		220		
EUDERM X-tra Wax PW		240			
EUDERM Wax 2058		60			
BAYDERM Prebottom APV			120		
PRIMAL FGR			90		
EUDERM Luster L			50	140	
BAYSIN X-tra Luster P 21				340	
BAYDERM X-tra Finish TV				360	
AQUADERM Additive S1				10	

Application	
Stain Coat	1 spray coat, dry
Base Coat	1-2 spray coats, dry, emboss ("Buffalo Design") at 110°C / 300 bar / 2 s
Adhesion Coat	1 spray coat, dry
Top Coat	2 spray coats, dry, through-feed plating at 100°C / 50 bar
Remarks:	



Business Unit Leather

Type of Leather: FANCY LEATHER - "Snake - Imitation", two-tone effect G 8

01.20 e

Material: heifer wet blue 1 / 1

Substance: 1.1 - 1.2 mm

% based on: shaved weight NATURAL / FOLIAGE GREEN

Process	%	Product	Time min	Remarks
Wash	300	water 40°C		
	0.3	PELTEC ADN (1:5)		
	0.8	formic acid 85% (1:10)	30	drain
Chrome retan /	100	water 40°C		
Pre-fatliquor	4.0	BAYCHROM F-D		
·	4.0	BLANCOROL RC		
	1.0	BAYKANOL Licker SCLM 01 (1:4)	120	
		run overnight for 5 min every hour		drain
Neutralization /	150	water 30°C		
Retannage	2.0	TANIGAN PAK		
	1.0	sodium formate	30	pH: 4.7
+	3.0	LEUKOTAN 1093 (1:4)	40	pH: 5.3
				drain
Wash	250	water 30°C	10	drain
Retannage /	80	water 30°C		
Dyeing	6.0	RETINGAN RLF	20	
+	6.0	TANIGAN BN		
	6.0	Tara		
	3.0	BAYKANOL PFM-C		
	1.0	BAYKANOL Licker SCLM 01 (1:4)	60	Ø penetration
+	5.0	LEVOTAN AM (1:4)	30	
+	100	water 50°C	10	heating 50°C
+	1.5	formic acid 85% (1:10)	40	drain
Fatliquor	100	water 50°C		
	4.0	BAYKANOL Licker SCLM 01)		
	4.0	LEVOTAN LS)		
	4.0	LUBRITAN SPE) (1:4)		
	2.0	Truposol LEX)		
	0.5	EUDERM X-tra Oil L 3	60	
+	4.0	LEVOTAN RP (1:4)	30	
+	0.5	formic acid 85% (1:10)	20	drain
Wash	250	water 20°C	10	

horse up, set out, vacuum dry for 3 min at 40°C, hang up to complete drying, condition, stake, buff 2 times with paper 320, de-dust



Business Unit Leather

Type of Leather: FANCY LEATHER - "Snake - Imitation", two-tone effect Z 8

01.20 e

Material: heifer leather, corrected grain

1/1

Color: NATURAL / FOLIAGE GREEN

Preparations: by weight NATURAL / FOLIAGE GREEN

Product	Wax	Effect	Adhesion	Effect	Тор	Тор
	Coat	Coat 1	Coat	Coat 2	Coat 1	Coat 2
EUDERM X-tra Wax ST	200					
water	700		400		400	400
isopropanol	100		200			
ISODERM Base HGN		500				
methoxy propanol		500	200			
LEVADERM dyestuffs WB		20				
BAYDERM Prebottom APV			200			
Iriodin Pearl Luster Pigments				100		
BAYDERM X-tra GLOSS				900		
BAYSIN X-tra Luster P 21					100	80
PRIMAL SCL-371					60	
BAYDERM X-tra PS 3					60	120
BAYDERM X-tra Finish TV					300	300
AQUADERM Additive S1						5
ethyl alcohol					80	100

Application	
Wax Coat	1 reverse coat (approx. 5 g / sq.ft.), dry, through-feed plating at 90°C / 50 bar
Effect Coat 1	1 roll coat with design roller, dry, emboss ("Python Design") at 110°C / 300 bar / 5 s, 1 spray coat, dry
Adhesion Coat	1 spray coat, dry
Effect Coat 2	tipping by hand, suspension drying
Top Coat 1	4 spray coats, dry
Top Coat 2	2 spray coats, dry, apply transparent foil by through-feed plating at 130°C / 50 bar
Remarks:	





Business Unit Leather

Type of Leather: MAT PATENT NAPPA - "Reptile - Look", negative embossed

G 9 01.20 e

Material: heifer wet blue 1 / 1

Substance: 1.1 - 1.2 mm

% based on: shaved weight CELANDINE

Process		%	Product	Time min	Remarks
Wash		300	water 40°C		
		0.5	PELTEC ADN (1:5)		
		0.5	formic acid 85% (1:10)	30	drain
Pre-fatliquor /		100	water 40°C		
Chrome retan		1.0	BAYKANOL Licker SCLM 01)		
		1.0	Peramit LSW) (1:6)	10	
	+	4.0	BAYCHROM F-D		
		4.0	BLANCOROL SD	120	
			run overnight for 5 min every hour		drain
Neutralization /	\dashv	150	water 35°C		
Lubrication		2.0	TANIGAN PAK		
		1.5	sodium formate	30	pH: 4.7
	+	0.3	sodium bicarbonate		·
		3.0	LEVOTAN LS (1:4)	40	pH: 5.0
					drain
Wash		250	water 30°C	10	drain
Retannage /		100	water 30°C		
Dyeing		6.0	BAYTIGAN AR (1:4)	30	
	+	8.0	TANIGAN BN		
		3.0	BAYKANOL PFM-C		
		1.0	BAYKANOL Licker SCLM 01 (1:4)	40	
	+	5.0	RETINGAN RLF		
		2.0	BAYGENAL dyestuffs	40	Ø penetration
	+	100	water 50°C	10	heating 50°C
	+	1.0	formic acid 85% (1:10)	30	drain
Fatliquor	-	100	water 50°C		
	\dashv	5.0	BAYKANOL Licker SCLM 01)		
	\dashv	4.0	LUBRITAN SPE) (1:4)		
	\dashv	3.0	BAYKANOL Licker KM)	60	
	+	0.5	formic acid 85% (1:10)	20	drain
Wash	\dashv	250	water 20°C	10	
774511	\dashv	200	Water 20 0	10	
					1

horse up, set out, vacuum dry for 3 min at 40°C, hang up to complete drying, condition, stake, buff 2 times with paper 320, de-dust



Business Unit Leather

Type of Leather: MAT PATENT NAPPA - "Reptile - Look", negative embossed Z 9

01.20 e

Material: heifer leather, correct grain 1 / 1

Color: CELANDINE

Preparations: by weight CELANDINE

Product	Base	Inter-	Effect	Lacquer	
	Coat	mediate Coat	Coat		
BAYGEN Compact LV 2	900				
AQUADERM X-Pigments B / C	100				
AQUADERM Fluid E	10				
ISODERM LA 85-N-C		500			
water		500			
ISODERM Base HGN			500		
methoxy propanol			500		
LEVADERM dyestuffs WB			50 - 100		
BAYGEN Top U 01				700	
BAYGEN Top MS				250	
BAYGEN Top White B				50 - 70	
BAYGEN Hardener SN 2				540 - 560	
*solvent mixture				400 - 450	
viscosity (DIN-cup, 4 mm)	25 - 30 s			28 - 32 s	

Application	
Base Coat	2 reverse coats (approx. 10-15 g / sq.ft., each), dry, through-feed plating at 90°C / 40 bar, 3 reverse coats (approx. 10-15 g / sq.ft., total), dry
Intermediate Coat	2 spray coats, dry, emboss ("Reptile Design") at 100°C / 250 bar / 5 s
Effect Coat	2 roll coats with design roller, dry
Lacquer	1 curtain coat (approx. 30-35 g / sq ft.), dry overnight in a well ventilated room at approximately 40°C Wetting back with water of 40°C, run for 30 min, horse up, set out on flesh side, suspension drying, dry-drum for 3-4 hrs
Remarks:	* solvent mixture (water free, PU-grade quality) ethyl acetate 500 - 375 pts butyl acetate 500 - 375 pts **cyclohexanone 0 - 250 pts ** For further information regarding the use of cyclohexanone in the lacquer formulation, please contact your local LANXESS representative, or refer to the re-vised technical data sheet of the corresponding BAYGEN products.



Business Unit Leather

Type of Leather: BAG LEATHER - "Vintage - Type", dull matt G 10

01.20 e

Material: bovine wet blue 1 / 1

Substance: 1.1 - 1.2 mm

% based on: shaved weight PINK LADY

Process	%	Product	Time min	Remarks
Wash	300	water 40°C		
	0.5	PELTEC ADN (1:5)		
	0.5	formic acid 85% (1:10)	30	drain
Pre-fatliquor /	100	water 40°C		
Chrome retan	1.0	BAYKANOL Licker SCLM 01)		
	1.0	Peramit LSW) (1:6)	10	
+	4.0	BAYCHROM F-D		
	4.0	BLANCOROL SD	120	
		run overnight for 5 min every hour		drain
Neutralization /	150	water 35°C		
Lubrication	2.0	TANIGAN PAK		
	1.5	sodium formate	30	pH: 4.7
+		sodium bicarbonate		
	3.0	LEVOTAN LS (1:4)	40	pH: 5.0
		()		drain
Wash	250	water 30°C	10	drain
Retannage /	100	water 30°C		
Dyeing	6.0	BAYTIGAN AR (1:4)	30	
 		TANIGAN BN		
	3.0	Tara		
	3.0	BAYKANOL PFM-C		
	1.0	BAYKANOL Licker SCLM 01 (1:4)	40	
+		RETINGAN RLF		
	1.0	BAYGENAL dyestuffs	40	Ø penetration
+		water 50°C	10	heating 50°C
+		formic acid 85% (1:10)	30	drain
Fatliquor	100	water 50°C		
	5.0	BAYKANOL Licker SCLM 01)		
	4.0	LUBRITAN SPE) (1:4)		
	3.0	BAYKANOL Licker KM)	60	
+		formic acid 85% (1:10)	20	drain
)	050	2000	40	
Wash	250	water 20°C y for 3 min at 40°C, hang up to complete dry	10	



Business Unit Leather

Type of Leather: BAG LEATHER - "Vintage - Type", dull matt Z 10

01.20 e

Material: bovine leather, full grain 1 / 1

Color: PINK LADY Preparations: by weight

PINK LADY

Product	Prebottom	Base	Тор	
		Coat	Coat	
EUDERM Prebottom RP-N 01	550			
water	300	600	650	
ACRYSOL RM-819W	10			
AQUADERM X-Pigments B / C	130	60		
EUDERM Nappa Soft S 2		30		
EUDERM Luster L		60		
PRIMAL FGR		70		
BAYDERM X-tra PS 3		40		
PRIMAL SCL-371		70		
PRIMAL SB-100		50		
AQUADERM Additive SF		20		
AQUADERM X-Biomer FTC			250	
OPTI-MATT A-2000LV			100	
AQUADERM Additive XF			10	
crosslinking agent			1	

Application	
Prebottom	2 roll coats ("Top Star", roller 20 T, approx. 5-6 g / sq.ft., total), dry, through-feed plating at 110°C / 20 bar, stake
Base Coat	4-6 spray coats, dry
Top Coat	2 spray coats, dry, through-feed plating at 110°C / 50 bar, stake
Remarks:	



Business Unit Leather

Type of Leather: BAG LEATHER - "Satinized - Look", metallic G 11

01.20 e

Material: heifer wet blue 1/1

Substance: 1.3 - 1.4 mm

% based on: shaved weight PINK LADY

Process	%	Product	Time min	Remarks
Wash	300	water 40°C		
	0.3	PELTEC ADN (1:5)		
	0.8	formic acid 85% (1:10)	30	drain
Chrome retan /	100	water 40°C		
Pre-fatliquor	3.0	BAYCHROM F-D		
	3.0	BLANCOROL RC		
	1.0	BAYKANOL Licker SCLM 01 (1:4)	120	
		run overnight for 5 min every hour		drain
Neutralization /	150	water 30°C		
Retannage	2.0	TANIGAN PAK		
	1.0	sodium formate	30	pH: 4.7
+	3.0	LEVOTAN AM (1:4)	40	pH: 5.3
				drain
Wash	200	water 30°C	10	drain
Retannage /	80	water 30°C		
Dyeing	5.0	TANIGAN F		
	5.0	TANIGAN VR		
	3.0	BAYKANOL PFM-C		
	1.0	BAYKANOL Licker SCLM 01 (1:4)	20	
+	0.0	RETINGAN ZF Plus		
	1.0	BAYGENAL dyestuffs	60	
+	100	water 50°C	10	heating 50°C
+	2.0	formic acid 85% (1:10)	40	drain
Fatliquor	100	water 50°C		
	6.0	BAYKANOL Licker SCLM 01)		
	3.0	EUREKA 800-R-I) (1:4)		
	3.0	LEVOTAN LS)	60	
+	_	LEVOTAN RP (1:4)	30	
+		formic acid 85% (1:10)	20	drain
Wash	200	water 20°C	10	
	<u> </u>			<u> </u>

horse up, set out, vacuum dry for 4 min at 40°C, hang up to complete drying, condition, stake, vacuum-plate at 50°C / 1 min, buff 2 times with paper 320, de-dust



Business Unit Leather

Type of Leather: BAG LEATHER - "Satinized - Look", metallic Z 11

01.20 e

Material: heifer leather, correct grain 1 / 1

Color: PINK LADY

Preparations: by weight PINK LADY

Product	Impreg-	Stucco	Base	Effect	Тор
	nation	Coat	Coat	Coat	Coat
EUDERM Driver DE 2	50				
water	650	100			
EUDERM Prebottom VE-N	300				
EUDERM X-Grade CGS 2		800			
AQUADERM X-Pigments B / C		100	150		
BAYGEN Compact LV 2			850		
AQUADERM Fluid E			10		10
AQUADERM XL 50			30		
ISODERM LO 87-I				350	
butyl acetate				650	
Iriodin Pearl Luster Pigments				10	
methoxy propanol				10	
AQUADERM Matt 102					200
BAYDERM X-tra GLOSS					800
crosslinking agent					10
viscosity (DIN-cup, 4 mm)			25 - 30 s		

Application	
Impregnation	1 reverse coat (approx. 20 g / sq.ft.), pile-up overnight, vacuum-plate at 60°C / 3 min, re-buff 2 times with paper 400, de-dust
Stucco Coat	1 reverse coat (approx. 8 g / sq.ft.), suspension drying overnight, through-feed plating at 90°C / 40 bar, re-buff 2 times with paper 800, de-dust
Base Coat	2 reverse coats (approx. 10-15 g / sq.ft., each), dry, through-feed plating at 90°C / 40 bar, 2 reverse coats (approx. 10-15 g / sq.ft., total), dry
Effect Coat	2 spray coats, dry
Top Coat	2 reverse coats (approx. 4-6 g / sq.ft., each), dry
Remarks:	



Business Unit Leather

Type of Leather: BAG NAPPA - "AQUACAST - Coating", satin gloss G 12

01.20 e

Material: calf wet blue 1 / 1

Substance: 1.1 - 1.2 mm

% based on: shaved weight PROVENCE

Process	%	Product	Time min	Remarks
Wash	300	water 40°C		
	0.3	PELTEC ADN (1:5)		
	0.8	formic acid 85% (1:10)	30	drain
Chrome retan /	100	water 40°C		
Pre-fatliquor /	3.0	CHROMOSAL B		
Retannage	1.0	BAYKANOL Licker SCLM 01 (1:4)	60	
+	5.0	RETINGAN RLF	120	
		run overnight for 5 min every hour		drain
Neutralization /	150	water 30°C		
Retannage	2.0	TANIGAN PAK		
	1.0	sodium formate	30	pH: 4.7
+	5.0	LEVOTAN AM (1:4)	40	pH: 5.3
				drain
Wash	250	water 30°C	10	drain
Pre-fatliquor /	80	water 30°C		
Retannage /	6.0	RETINGAN RLF	20	
Dyeing / +	1.0	BAYKANOL Licker SCLM 01)		
Fatliquor	1.0	LEVOTAN LS) (1:4)	10	
+	5.0	TANIGAN BN		
	5.0	TANIGAN F		
	3.0	BAYKANOL PFM-C	10	
+	2.0	BAYGENAL dyestuffs	60	
+	5.0	LEVOTAN AM (1:4)	30	Ø penetration
+	100	water 50°C	10	heating 50°C
+	4.0	BAYKANOL Licker SCLM 01)		
	3.0	LEVOTAN LS) (1:4)		
	2.0	BAYKANOL Licker KM)	60	
+	3.0	LEVOTAN RP (1:4)	30	
+	1.5	formic acid 85% (1:10)	30	drain
Wash	250	water 20°C	10	

horse up, set out, vacuum dry for 4 min at 40°C, hang up to complete drying, condition, stake



Business Unit Leather

Type of Leather: BAG NAPPA - "AQUACAST - Coating", satin gloss Z 12

01.20 e

Material: calf leather, full grain 1 / 1

Color: PROVENCE Preparations: by weight

PROVENCE

Product	Skin	Intermediate	Adhesive	
	Coat	Coat	Coat	
AQUADERM Finish HAT	300			
AQUADERM Matt 102	150			
AQUADERM X-Shield HO	30			
water	400	750	800	
EUDERM Fluid H	20	15		
LEVADERM dyestuffs WB	10	5		
AQUADERM X-Pigments B / C	70	25	10	
ROSILK 2229 Feel Modifier	5			
AQUACAST S		200	200	
AQUADERM XL 50		10	10	
*ACRYSOL RM-819W	≈ 3500 cp	≈ 3500 cp	**21 s	

Application	
Skin Coat	1 application onto transfer paper (doctor blade 0.10 mm), dry
Intermediate Coat	1 application onto transfer paper (doctor blade 0.12 mm), dry
Adhesive Coat	1 spray coat onto leather (approx. 2-4 g / sq.ft., wet), dry, apply leather onto transfer paper, through-feed plating ("Rotopress") at 95°C / 20 bar
Remarks:	* pre-dilute with water at a ratio of 1 : 2 ** viscosity (DIN-cup, 4 mm)





Business Unit Leather

Type of Leather: X-TAN BAG LEATHER - "Vegetable - Type", semi-matt G 13

01.20 e

Material: heifer X-White 1 / 1

Substance: 0.9 - 1.0 mm

% based on: shaved weight PURPLE PLUMERIA

Process	%	Product	Time min	Remarks
Wash	300	water 30°C		
	0.5	PELTEC AN2 (1:5)		
	1.0	Peramit LSW (1:8)	40	drain
Neutralization /	80	water 30°C		
Lubrication /	2.0	TANIGAN PAK		
Tannage /	1.0	sodium formate	40	
Dyeing	+ 7.0	LEVOTAN LS)		
	2.0	EUREKA 800-R-I) (1:4)		
	2.0	Pellamin CL)	20	
	+ 8.0	TANIGAN 3LN		
	8.0	TANIGAN HS		
	6.0	RETINGAN RLF	40	
	+ 2.0	EUREKA 800-R-I)		
	2.0	Pellamin CL) (1:4)	20	
	+ 8.0	TANIGAN 3LN		
	8.0	TANIGAN HS		
	6.0	RETINGAN RLF	30	
	+ 1.0	TANIGAN PR		
	3.5	BAYGENAL dyestuffs	180	
		run overnight for 5 min every hour		
	+ 100	water 45°C	10	heating 45°C
	+ 1.5	formic acid 85% (1:10)	10	
	+ 1.5	formic acid 85% (1:10)	30	pH: 3.8
		ì		drain
Wash	300	water 45°C	10	drain
Fatliquor	100	water 45°C		
	9.0	Pellastol 94 S)		
	7.0	EUREKA 800-R-I)		
	6.0	Truposol LEX) (1:4)		
	2.0	Pellamin CL)		
	1.0	Peramit LSW)	90	
	+ 1.0	formic acid 85% (1:10)	30	pH: 3.6
				drain
Wash	300	water 45°C	10	drain
Wash	300	water 20°C	10	



Business Unit Leather

Type of Leather: X-TAN BAG LEATHER - "Vegetable - Type", semi-matt Z 13

01.20 e

Material: X-TAN heifer leather, full gran

1/1

Color: PURPLE PLUMERIA

Preparations: by weight PURPLE PLUMERIA

Product	Prebottom	Base	Тор	Touch	
		Coat	Coat	Тор	
EUDERM Prebottom RP-N 01	500				
water	450	600			
AQUADERM X-Pigments B / C	50				
EUDERM Filler F		50			
EUDERM Luster L		40			
PRIMAL FGR		100			
BAYDERM X-tra PS 3		50			
BAYDERM Finish LC 2		50			
methoxy propanol		50			
AQUADERM X-Shield HPS		10			
AQUADERM X-Pigments B / C		50			
crosslinking agent		1			
ISODERM LO 87-I			500		
butyl acetate			500	300	
* [ISODERM LO 87-I				320	
[EUDERM Additive WKF liq. 01				80	
[methoxy propanol				300	

Application	
Prebottom	1 reverse coat (approx. 4-6 g / sq.ft.), dry, sandblast plate at 90°C / 20 bar, stake
Base Coat	2 spray coats, dry, through-feed plating at 80°C / 20 bar, 2 spray coats, dry
Top Coat	1 spray coat, dry, through-feed plating at 120°C / 50 bar
Touch Top	1 spray coat, dry, stake
Remarks:	* mix with methoxy propanol prior to the addition of butyl acetate



Business Unit Leather

Type of Leather: X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth G 14

01.20 e

Material: heifer X-White 1 / 1

Substance: 0.9 - 1.0 mm

% based on: shaved weight WHITE

Process	%	Product	Time min	Remarks
Wash	300	water 30°C		
	0.5	PELTEC AN2 (1:5)		
	1.0	Peramit LSW (1:8)	40	drain
Neutralization /	80	water 30°C		
Lubrication /	2.0	TANIGAN PAK		
Tannage /	1.0	sodium formate	40	
Dyeing +	7.0	LEVOTAN LS)		
, ,	2.0	EUREKA 800-R-I) (1:4)		
	2.0	Pellamin CL)	20	
+	8.0	TANIGAN 3LN		
	8.0	TANIGAN HS		
	6.0	RETINGAN RLF	40	
+	2.0	EUREKA 800R-I)		
	2.0	Pellamin CL) (1:4)	20	
+	8.0	TANIGAN 3LN		
	8.0	TANIGAN HS		
	6.0	RETINGAN RLF	30	
+	0.05	BAYGENAL dyestuffs)		
	4.0	LEUKOTAN FW-2E) (1:4)	180	
		run overnight for 5 min every hour		
+	100	water 45°C	10	heating 45°C
+	1.5	formic acid 85% (1:10)	10	
+	1.0	formic acid 85% (1:10)	30	pH: 3.9
				drain
Wash	300	water 45°C	10	drain
Whitening /	100	water 45°C		
Fatliquor	6.0	LEUKOTAN FW-2E (1:4)	20	
+	9.0	Pellastol 94 S)		
	7.0	EUREKA 800-R-I)		
	6.0	Truposol LEX) (1:4)		
	2.0	Pellamin CL)		
	1.0	Peramit LSW)	90	
+	1.0	formic acid 85% (1:10)	30	pH: 3.5
				drain
Wash	300	water 20°C	10	

horse up, set out, vacuum dry for 2 min at 40°C, hang up to complete drying, condition, stake, buff with paper 320, de-dust



Business Unit Leather

Type of Leather: X-TAN SPORTS SHOE NAPPA - "AQUACAST - Coating", smooth Z 14

01.20 e

Material: X-TAN heifer leather, corrected grain

1/1

Color: WHITE Preparations: by weight

WHITE

Product	Skin	Intermediate	Adhesive	
	Coat	Coat	Coat	
AQUADERM Finish HAT	340			
AQUADERM Matt 102	170			
AQUADERM X-Shield HO	50			
water	400	450	500	
AQUADERM Fluid E	10	10		
AQUADERM X-Pigments B / C	40	90		
ROSILK 2229 Feel Modifier	5			
AQUACAST S		450	500	
AQUADERM XL 50			50	

Application	
Skin Coat	1 application onto transfer paper (doctor blade 0.10 mm), dry
Intermediate Coat	1 application onto transfer paper (doctor blade 0.12 mm), dry
Adhesive Coat	1 spray coat onto leather (approx. 4-6 g / sq.ft., wet), dry, apply leather onto transfer paper, through-feed plating ("Rotopress") at 95°C / 20 bar
Remarks:	



Business Unit Leather

% based on:

Type of Leather: SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips G 15

01.20 e

Material: bovine wet blue split

shaved weight

1/1

Substance: 1.5 - 1.6 mm

ORANGE.COM

Process	%	Product	Time min	Remarks
Wash	200	water 40°C		
	0.3	PELTEC ADN (1:5)		
	0.5	formic acid 85% (1:10)	30	drain
Chrome retan	150	water 40°C		
	4.0	CHROMOSAL B		
	3.0	BLANCOROL AC	90	
		run overnight for 5 min every hour		drain
Neutralization	200	water 40°C		
	1.5	TANIGAN PAK-N liq. (1:2)		
	2.0	sodium formate	20	
+	1.8	sodium bicarbonate	120	drain
Wash	200	water 30°C	10	drain
Retannage /	40	water 30°C		
Dyeing /	6.0	TANIGAN F		
Fatliquor	5.0	RETINGAN RD liq. (1:2)		
	5.0	BAYTIGAN AR (1:4)	20	
+	2.0	BAYKANOL TF-2N-C 01		
	2.0	BAYGENAL dyestuffs	120	Ø penetration
+	150	water 50°C	10	heating 50°C
+	2.0	BAYKANOL Licker KM)		
	2.0	BAYKANOL Licker SCLM 01) (1:4)	60	
+	1.0	formic acid 85% (1:10)	10	
+	1.5	formic acid 85% (1:10)	30	drain
Wash	200	water 40°C	10	drain
_	450	4 4000		
Topping	150	water 40°C		ļ
	1.5	BAYTIGAN Bottom 43158-S (1:4)	20	drain
Wash	200	water 20°C	10	

horse up, set out on flesh side, vacuum dry for 4 min at 40°C, hang up to complete drying, condition, stake, buff with paper 280 and 320, de-dust

by weight



Business Unit Leather

SPLIT BAG LEATHER - "AQUACAST - Coating", shiny tips Type of Leather: Z 15

01.20 e

Material: bovine split leather 1/1

Color: ORANGE.COM Preparations:

ORANGE.COM

Product	Skin	Intermediate	Intermediate	Adhesive	Flesh Side
	Coat	Coat 1	Coat 2	Coat	Coat
AQUADERM Finish HAT	430				
AQUADERM Matt 102	210				
AQUADERM X-Shield HO	60				
water	210				
AQUADERM Fluid E	10	20	20		
LEVADERM dyestuffs WB	90				
EUDERM X-Grade SF		180			
AQUACAST BA		650			
AQUADERM X-Pigments B / C		180	150	50	
AQUACAST S			850	900	400
EUDERM Luster L					80
EUDERM X-Grade SF					120
water					300
AQUADERM Additive XF					20
AQUADERM X-Shield BS					60
AQUADERM XL 50				50	

Application	
Skin Coat	1 application onto transfer paper (doctor blade 0.10 mm), dry
Intermediate Coat 1	1 application onto transfer paper (doctor blade 0.12 mm), dry
Intermediate Coat 2	1 application onto transfer paper (doctor blade 0.14 mm), dry
Adhesive Coat	1 application onto transfer paper (doctor blade 0.14 mm), dry,
	apply split leather onto transfer paper, dry
Flesh Side Coat	2 spray coats, dry, through-feed plating ("Rotopress") at
	95°C / 20 bar
Remarks:	



Business Unit Leather

Type of Leather: SHOE NAPPA - "Grainy - Look", slight Pull Up G 16

01.20 e

Material: bovine wet blue 1/2

Substance: 1.2 - 1.3 mm

% based on: shaved weight TOPAZ

Process		%	Product	Time min	Remarks
Wash	\top	200	water 40°C		
	\top	0.5	PELTEC ADN (1:5)		
	\top	0.5	formic acid 85% (1:10)	30	pH: 3.2
	\top				drain
Wash	1	250	water 40°C	10	drain
Dro fotliguer /	+	100	water 35°C		
Pre-fatliquor /	+	1.5	TANIGAN PAK	15	pH: 3.9
Retannage / Chrome retan /	+	3.0	Ensul AM 90	15	pπ. σ.θ
Neutralization	+	2.0	,	30	nU. 2.7
Neutralization	+		Trupon SNF) (1:4) LEUKOTAN 1084 (1:4)	30	pH: 3.7
	+	4.0	(/		pH: 4.3
	+	2.0	RETINGAN R7 CHROMOSAL B	30	pH: 4.5 pH: 3.8
	+	5.0		20	рн: 3.8
	+	1.0	sodium acetate	60	
	+	4.0	run overnight for 5 min every hour		
	+	1.0	sodium formate		
	_	1.5	sodium tripolyphosphate	20	pH: 4.4
	+	1.5	sodium bicarbonate	60	pH: 5.6
	+				drain
Wash	+	250	water 20°C	10	drain
Retannage /	+	50	water 20°C		
Dyeing	\top	4.0	RETINGAN R7	30	pH: 5.8
<u> </u>	+	4.0	Quebracho		ľ
	十	3.0	Mimosa	20	
	+	2.0	TANIGAN PR		
	\top	2.0	BAYKANOL TF-2N-C 01		
	\top	3.0	BAYGENAL dyestuffs	60	Ø penetration
	+	150	water 50°C	10	heating 50°C
	+	1.5	formic acid 85% (1:10)	30	drain
	\top				
Wash		250	water 50°C	10	drain
	+				
	\pm				
					continued next pag



Business Unit Leather

Type of Leather: SHOE NAPPA - "Grainy - Look", slight Pull Up G 16

01.20 e

Material: bovine wet blue 2 / 2

Substance: 1.2 - 1.3 mm

% based on: shaved weight TOPAZ

%	Product	Time min	Remarks
100	water 50°C		
4.0	EUREKA 975-ES-I)		
3.0	Trupon ACM)		
2.0			
2.0	Trupon SWS)	60	
4.0	Mimosa	30	
1.0	formic acid 85% (1:10)	20	
1.0	formic acid 85% (1:10)	20	pH: 3.8
			drain
200	water 45°C		
2.0	BAYKANOL TF-2N-C 01		
2.0	BAYGENAL dyestuffs (1:20)	20	
2.0	formic acid 85% (1:10)	20	drain
250	water 45°C	10	drain
250	water 20°C	10	
1			
	100 4.0 3.0 2.0 2.0 4.0 1.0 1.0 200 2.0 2.0 2.0	100 water 50°C 4.0 EUREKA 975-ES-I 3.0 Trupon ACM 2.0 Trupon SNF 4.0 Mimosa 1.0 formic acid 85% 1.0 formic acid 85% 200 water 45°C 2.0 BAYKANOL TF-2N-C 01 2.0 BAYGENAL dyestuffs 210 (1:10) 250 water 45°C	Min 100 water 50°C

horse up, set out, vacuum dry for 4 min at 40°C, hang up to complete drying, condition, stake, buff 2 times with paper 320, de-dust



Business Unit Leather

Type of Leather: SHOE NAPPA - "Grainy - Look", slight Pull Up

Z 16 01.20 e

Material: *bovine leather, corrected grain 1 / 1

Color: TOPAZ
Preparations: by weight

TOPAZ

Product	Stain	Base	Inter-	Adhesion	Effect	Тор
	Coat	Coat	mediate	Coat	Coat	Coat
			Coat			
LEVADERM dyestuffs WB	25					
water	200				650	650
isopropanol	400	540			40	
ethyl alcohol	370					
PRIMAL FGR	30			90		
water			500	450		
BAYDERM Prebottom APV				120		
ISODERM LA 85-N-C			500			
EUDERM Wax 2058		210				
EUDERM X-tra Wax P 2		90				
EUDERM Luster L		30		50	70	40
EUDERM X-tra Oil L 3		30				
methoxy propanol		60		220		
BAYDERM X-tra Finish TV		30			100	100
BAYSIN X-tra Luster P 21					70	140
EUDERM X-tra Wax TG					10	20
PRIMAL SCL-371					60	
AQUADERM Finish HAT						40
AQUADERM Additive S1						10

Application	
Stain Coat	1 spray coat, dry, dry-drum for 4-6 hrs
Base Coat	1 spray coat, dry
Intermediate Coat	1 spray coat, dry, emboss ("Grainy Design") at 100°C / 250 bar / 2s, dry-drum for 30 min
Adhesion Coat	1 spray coat, dry
Effect Coat	2 spray coats, dry, through-feed plating at 90°C / 50 bar
Top Coat	2 spray coats, dry, through-feed plating at 100°C / 50 bar, dry-drum for 30 min
Remarks:	* apply Flesh Side Coat prior to finishing: 800 pts EUDERM X-tra Oil L 3 200 pts EUDERM Additive WKF liq. 01 1 reverse coat (approx. 5 g / sq.ft.), dry

