



BAYGEN®

High gloss – fashion at its best

» Patent leather technology



TFL – Great chemicals. Excellent advice.



BAYGEN®



Finishing innovations for trendsetting patent leather

Trendsetters know that patent leather is very much in vogue. A glance on the catwalks of fashion metropolises shows: high gloss lacquer designs in fashionable colors are the absolute must have for shoes and modern accessories such as handbags.

As the leading partner to the leather industry, we steadily implements new technologies and solutions. Our innovative assortment of finishing products enables the tanneries to produce the widest possible range of patent leather. From classical high gloss to matt and fashionable looks.

First-class technical properties in terms of heat and cold resistance, lightfastness and elasticity, plus many years of experience in international markets, make our products top-sellers in the patent leather business.

Experience our comprehensive product range and expertise which provides high quality, reproducibility and customer satisfaction worldwide.



For the highest demand
in fashionable shoe
upper articles



Individual solutions from impregnation to top lacquers

Impregnation

→ PRIMALTM Prebottom SVE 2

Soft acrylic resins blend with particular good penetration, especially for the grain-tightening impregnation of particularly soft full- and corrected grain leathers.

→ PRIMALTM Prebottom VE-N

Acrylic resins blend with particular good penetration, especially for the grain-tightening impregnation of standard full- and corrected grain leathers.



Base coat

→ BAYGEN® Compact CC 2

Economic base coat compound based on acrylics which provides very good adhesion and a transparent, medium hard film with very good elasticity especially for full grain leather and small skins.

→ BAYGEN® Compact LV 2

Base coat compound based on PUD and acrylics with excellent coverage, embossing properties and outstanding flexing performance for highest demands.

→ BAYGEN® Compact DD

(registered for Europe only)
Soft base coat compound based on acrylics for all kinds of soft patent leather.

→ BAYGEN® Compact APS-2

(designed for APAC)
Base coat compound based on PUD and acrylics with excellent coverage, embossing properties and flexing performance.

Effect coat

→ LEVADERM® Dyestuffs

Anionic dyestuffs in aqueous-organic solution for effect coats characterized by high yield, high brilliance, excellent levelling power and light fastness properties.

Top Coat

→ BAYGEN® Top U 01

General-purpose PU lacquer component for classic patent leather with high gloss and excellent fastness properties.

→ BAYGEN® Top MS

PU lacquer component for dull patent leathers. Different gloss levels can be achieved by combinations with Baygen Top U 01.

→ BAYGEN® Top TF

PU lacquer component especially for high thermosetting requirements.

→ BAYGEN® Top White B

White PU lacquer component with high covering power. Especially suitable for patent leather which require a brilliant white shade.

→ BAYGEN® Deep Black R

Brilliant black solvent based dyestuff formulation for deep black shades.

→ BAYGEN® Hardener SN 2

Isocyanate crosslinking agent for standard articles with high fastness properties.

→ BAYGEN® Hardener LRF 2

Isocyanate crosslinking agent for articles with excellent lightfastness properties.

→ BAYGEN® Hardener CF 2

Isocyanate crosslinking agent for articles with excellent cold flex resistance.



Patent leather
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Guide Formulations

Impregnation

Products	Standard	Application
EUDERM® Driver DE 2	50	1x reverse roll coat (15-30 g / sq.ft.), pile up over night, vacuum plate at 70°C / 3 min, rebuff with paper 400, remove dust
Water	650	
PRIMAL™ Prebottom VE-N	300	

Base coat

Products	Standard	Application
Pigment	200	by reverse roll coating (20-25 g / sq.ft. total) Viscosity DIN cup 4 mm 20-30"
BAYGEN® Compact-Types	800	
Water	0-100	

Top Coat

Products	Standard		Specific Solutions			
BAYGEN® Top U 01	1000	1000	-	-	0-300	-
BAYGEN® Top MS	-	-	-	-	1000-700	1000
BAYGEN® Top TF	-	-	1000	-	-	-
BAYGEN® Top White B	-	-	-	1000	-	-
BAYGEN® Deep Black R	0-100	-	0-100	-	-	0-100
Solvent mix. PU Grade	300-350	350-400	350-400	400-500	200-350	350-400
BAYGEN® Hardener SN 2	650-670	-	480-520	-	350-380	-
BAYGEN® Hardener LRF 2	-	630-670	-	560-600	-	-
BAYGEN® Hardener CF 2	-	-	-	-	-	550-570
Viscosity DIN cup 4 mm	20-30"					
Application	by curtain coating (14-30 g/sq.ft. total)					

Drying follows overnight in a horizontal position in a dustfree, well-ventilated room at a room temperature or an elevated temperature of 40°-50°C. If necessary redry at 40°C.



High performance
meets fashion



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