



CUSTOMIZED SOLUTIONS



**Schill+Seilacher**

**struktol®**

**LEATHER  
FINISHING**

TECHNICAL PRODUCT INFORMATION

THE PERFECT COMBINATION OF  
ITALIAN STYLE AND GERMAN QUALITY.

## TWO COMPANIES. TWO CULTURES. SAME VALUES.

### ABOUT SCHILL+SEILACHER

In 1877, Christoph Seilacher and Karl Schill founded their chemical factory with focus on manufacture of speciality products for the leather industry. Up-to-dateness and innovation in all areas of our product lines are the basis of our worldwide success. As a traditional German company, Schill+Seilacher places the highest demands on the quality of the developed products.

### ABOUT CHIMICA VEMAR

Chimica Vemar was founded with the primary aim of becoming the most reliable partner for Italian tannery technicians. Our technical team works closely with our customers to solve the daily challenges of leather production while creating new articles and developing new technologies. Customer service and support are our main priorities while offering a wide range of products and expertise.

### OUR PARTNERSHIP

Schill+Seilacher and Chimica Vemar are partners for over 20 years. Both are driven by the passion and joy of creating high-quality chemistry for their customers. By combining our expertise, precision, and innovation, we can now offer a new world of high-quality finishing products, services, and creative solutions to our customers.

Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description			
<b>IMPREGNATION</b>	<b>STRUKTOL I N</b>	Mixture of resin, isopropyl alcohol and penetrators	13.0 – 15.0	anionic	5.0 – 6.0	Whitish Liquid	Hard	High gloss		●					●	●	●		Impregnation agent for full grain or corrected grain leathers. Ideal for all types of classic/firm shoe uppers. Recommended application: roller coater.			
	<b>STRUKTOL B 285</b>	Mixture of oils, waxes and resins	15.0 – 17.0	anionic	9.0 – 10.0	Matt white liquid, slightly viscous	Soft	Medium gloss	●	●	●	●						●	●	Strong filling and covering basecoat binder for full grain and corrected grain leathers. Smooth touch and improved abrasion resistance.		
	<b>STRUKTOL B 511</b>	Mixture of cationic waxes, cationic caseins and cationic polyurethanes	6.7 – 8.7	cationic	3.0 – 5.0	Black liquid	Soft	Medium gloss	●	●	●								●	●	Cationic preground binder for natural look finishes. It is black pre-coloured with pigment and black aniline dye. Suitable for smooth and milled grain nappa.	
<b>PRE-BASECOAT</b>	<b>STRUKTOL B 617</b>	Emulsion of waxes and polymers	19.0 – 21.0	anionic	7.0 – 8.0	Liquid	Soft	Medium gloss	●	●	●								●	●	Polishable preground binder with good filling effect. It is particularly suitable as a release agent and filler. It can be used as an additive for casein and resin finishes.	
	<b>STRUKTOL B 931</b>	Mixture of polymers and waxes in aqueous dispersion	5.5 – 6.5	anionic	6.5 – 7.5	Whitish liquid	Medium	Medium gloss	●	●	●								●	●	Universal, polishable preground binder for full grain and corrected grain shoe upper.	
	<b>STRUKTOL B 5752</b>	Mixture of waxes, polyurethanes and acrylic resins	17.5 – 19.5	anionic	9.0 – 10.0	White liquid	Soft	Matt	●	●	●								●	●	Upgrading preground binder with very good embossing properties. It can be pigmented to increase uniformity.	
	<b>STRUKTOL B 5803</b>	Mixture of waxes, touch modifiers and polyurethanes in aqueous emulsion	4.5 – 5.5	anionic	7.0 – 9.0	White liquid	Soft	Matt	●	●	●									●		Preground binder for natural shoe upper finishes. Improves uniformity and keeps the natural appearance of the grain. Recommended for burnish effects.
	<b>STRUKTOL C 11</b>	Mixture of waxes, resins and topcoat binder	21.5 – 23.5	anionic	7.0 – 8.0	White liquid	Soft	Matt	●	●		●						●	●		Compact binder specially designed for upholstery leathers. It forms a matt, very soft and elastic film while having good covering and embossing properties.	
<b>COMPOUNDS</b>	<b>STRUKTOL C 36 (not registered yet)</b>	Mixture of waxes and acrylic resins	16.0 – 18.0	anionic	7.5 – 8.5	Whitish liquid	Medium	Matt	●	●		●							●		Compact binder for corrected grain leathers with strong covering effect, very good embossing properties and good physical resistance.	
	<b>STRUKTOL C 89</b>	Mixture of oils	4.5 – 5.5	anionic	7.0 – 8.0	White liquid	Soft	Medium gloss		●		●		●					●	●	A balanced mixture of oils for nubuck and suede leathers. It increases brilliance and shine of the colours after milling.	

Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description		
COMPOUNDS	<b>STRUKTOL C 92 HT</b>	Mixture based on polymers, polyurethanes and waxes in aqueous emulsion	9.0 – 13.0	anionic	8.0 – 9.0	Whitish liquid	Medium	High gloss	●	●		●		●			●	●	Special compact binder for waterproof shoe upper leathers with good covering, levelling and water-vapour permeability properties.		
	<b>STRUKTOL C 516</b>	Mixture of polyurethanes, resins and waxes	23.0 – 25.0	anionic	7.0 – 9.0	Whitish liquid	Hard	Medium gloss	●	●		●						●	●	Special compound designed for crack-effect and used-look leather articles. The aged effect will increase after milling. Application: by spray.	
	<b>STRUKTOL C 681</b>	Aqueous dispersion of binders and polyurethane polymers	10.0 – 13.0	anionic	7.5 – 9.0	Whitish liquid	Soft	Medium gloss	●			●		●			●	●	●	Compact binder with high physical properties, improves levelness and gives natural touch. Recommended for high quality articles.	
	<b>STRUKTOL C 852 F</b>	Mixture of polyurethane and waxes	6.0 – 8.0	anionic	7.0 – 8.5	Whitish liquid	Soft	Matt	●	●	●	●		●				●	●	Compact binder designed for nappa leathers with good levelling and covering while keeping a very natural, brilliant character with a pleasant touch.	
	<b>STRUKTOL C 5413</b>	Waxes, resins and polyurethanes mixture	7.5 – 9.5	anionic	7.5 – 8.5	White liquid	Soft	Medium gloss	●			●		●				●	●	Mixture designed for full grain shoe upper and leather goods with good grain filling power and maintains the natural aspect of the leather with a non-slippery touch.	
	<b>STRUKTOL C 5981</b>	Mixture of tops, caseins and resins in aqueous dispersion	23.0 –25.0	anionic	7.0 – 8.0	Whitish liquid	Soft	Medium gloss	●	●		●						●	●	●	Compound for full grain deer or kidskin shoe upper leathers with high covering power and excellent embossing properties.
	<b>STRUKTOL C COUNTRY</b>	Mixture of polyurethanes and waxes in aqueous emulsion	6.5 – 8.5	anionic	4.0 – 6.0	Liquid	Soft	Medium gloss	●			●		●				●	●	Special compact binder for full and corrected grain leathers with good milling properties and a very natural character.	
	<b>STRUKTOL C F</b>	Mixture of polyurethanes and acrylate combined with filler	20.0 – 22.0	anionic	7.0 – 9.0	White viscous liquid	Soft	Matt	●	●		●		●			●	●		Compact binder with good covering power with high flexing endurance. Can be applied by roller coater or spray.	
	<b>STRUKTOL C G3</b>	Acrylic and polyurethane resins in aqueous emulsion	26.5 – 28.5	anionic	7.0 – 9.0	Whitish liquid	Soft	Medium gloss	●	●		●				●	●			Compact binder for automotive and upholstery leathers for spray application.	
	<b>STRUKTOL C VX EXP</b>	Mixture of caseins and polyurethanes	–	anionic	6.5 – 8.5	Whitish liquid	Medium	High gloss	●			●						●		Compact binder for full grain nappa articles which provides a glossy and natural effect with a pleasant touch.	

Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description	
POLYURETHANES	<b>STRUKTOL P 1</b>	Aqueous dispersion of aliphatic polyurethane	19.0 – 21.0	anionic	7.0 – 8.0	Whitish liquid	Soft	Medium gloss	●	●	●	●	●	●			●	●	Universal, light polyurethane for aniline articles. It can be used in solvent phase to improve adhesion. It can be polished and is resistant to cold break to -30°C. It can be used for sole edge treatment and can be crosslinked.	
	<b>STRUKTOL P 2 NF</b>	Aqueous dispersion of anionic aliphatic urethan polyester	18.0 – 20.0	anionic	7.0 – 9.0	Transparent liquid	Soft	High gloss	●	●	●	●	●	●			●	●	Polyurethane binder for polished, natural finishes. Soft/elastic film with high physical properties and is recommended for use on smooth and milled nappa. Small quantities can be added to water-based casein topcoats for better resistance.	
	<b>STRUKTOL P 5 M</b>	Opaque aliphatic polyurethane	approx. 28.0	anionic	approx. 9.0	Milky dispersion	Medium	Matt	●	●	●	●	●	●	●	●	●	●	Matt polyurethane binder which increases opacity and has a silky touch. It is recommended for automotive and upholstery leathers and also suitable for waterproof finishes.	
	<b>STRUKTOL P 14</b>	Aqueous dispersion of polyurethanes	25.0	anionic	approx. 8.0	Whitish liquid	Soft	Matt	●	●	●	●	●	●	●	●	●	●	Matt, soft and elastic polyurethane binder for basecoats with good coverage and good light fastness. Crosslinkable for high performance leathers.	
	<b>STRUKTOL P 57 I</b>	Aqueous dispersion of polyurethane and silica	15.0 – 17.0	anionic	7.0 – 9.0	Whitish liquid	Soft	Matt	●					●	●	●	●	●	Matt, dry polyurethane for intermediate coats for protection during embossing. It can also substitute nitro emulsions for finishing with resin. Recommended use: dilute with water (1:1 ratio) and apply by spraying.	
	<b>STRUKTOL P 78 NF</b>	Polyurethane in aqueous solution	18.0 – 22.0	anionic	6.0 – 8.0	Clear liquid	Soft	High gloss	●	●	●	●	●	●				●	●	Soft, polishable polyurethane with good resistance to water swelling. Usable in a pre-ground to modify elasticity and wet-rub fastness. It can be used in Topcoats or combined with acrylic resins.
	<b>STRUKTOL P 92</b>	Mixture of polyurethane and resin	18.0 – 20	anionic	7.0 – 9.0	Opalescent liquid	Hard	High gloss	●	●	●	●	●	●				●	●	Medium-hard polyurethane mainly used in topcoats for full grain aniline and semi aniline leathers with high light fastness and good physical properties. Can be used alone or combined with other resins.
	<b>STRUKTOL P 94</b>	Aqueous dispersion of polyurethanes	13.0 – 15.0	anionic	7.0 – 8.0	Whitish liquid	Soft	Medium gloss	●	●	●	●		●				●	●	Non-film forming polyurethane surface binder which is soft, elastic, colourless and resistant to light. Ideal for improving adhesion of the finish.
	<b>STRUKTOL P 273</b>	Aqueous dispersion of aromatic polyurethane	19.0 – 21.0	anionic	6.5 – 7.5	Liquid	Soft	High gloss	●	●	●	●		●	●	●	●	●	●	Very soft and sticky polyurethane binder used for good adhesion on difficult surfaces such as waterproof and very oily/greasy leathers surfaces.
	<b>STRUKTOL P 301</b>	Emulsion of polyurethane in water and in alcohols	50.0 – 52.0	nonionic	6.0 – 8.5	Opalescent liquid	Soft	Matt	●	●	●							●	●	Non-ionic, non-film forming polyurethane. Mainly used as a penetrating agent for anionic and cationic mixtures.

Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description	
POLYURETHANES	<b>STRUKTOL P 547</b>	Polyurethane polymer in aqueous emulsion	35.0	anionic	7.5 – 8.5	Transparent white liquid	Soft	High gloss	●	●	●	●		●		●	●	●	Polyurethane for waterproof finishing of full grain and corrected leathers with high physical properties.	
	<b>STRUKTOL P 69</b>	Aromatic polyurethane	35.0 – 37.0	anionic	7.0 – 8.0	White liquid	Soft	High gloss	●	●	●	●	●		●	●	●	●	Elastic polyurethane for improving physical properties such as adhesion and heat resistance. It can also be used for waterproof articles.	
	<b>STRUKTOL P LNK NF</b>	Polyurethane in aqueous dispersion	29.0 – 31.0	cationic	4.0 – 6.0	Milky liquid	Soft	High gloss	●	●	●	●						●	●	Formaldehyde-free solvent, aliphatic polyurethane dispersion based on polyether. It can be used as such or as a modifier in acrylic dispersions.
ACRYLIC RESIN	<b>STRUKTOL R 9</b>	Polyacrylate in aqueous dispersion	approx. 40.0	anionic	6.5 – 7.5	Milky liquid	Hard	High gloss	●	●	●	●	●					●	●	Hard acrylic polymer used in the basecoat to improve gloss after ironing often used for aged articles. It can be combined with other soft resins in intermediate base-coats, to increase transparency and gloss effect.
	<b>STRUKTOL R 22</b>	Aqueous dispersion of acrylic copolymer	35.0 – 37.0	anionic	7.5 – 8.5	Opalescent liquid	Hard	High gloss	●	●	●	●		●			●	●	Thin resin suitable for all kinds of leather. It can be used alone or in combination with other binders to improve dry/wet rubbing fastness. It is self cross-linking.	
	<b>STRUKTOL R 514</b>	Acrylic resin in emulsion	29.0 – 31.0	anionic	7.0 – 9.0	White liquid	Soft	High gloss	●	●				●				●	●	Acrylic impregnation resin for corrected grain leathers or splits. It improves tightness and can also be used on waterproof leathers. It is recommended to be used before pre-basecoat.
TOPCOATS	<b>STRUKTOL E 5342</b>	mixture of casein and polyurethane based binders in aqueous dispersion	approx. 10.0	anionic	approx. 7.5	Yellowish liquid	Hard	High gloss					●	●				●	●	Binder for improving the brightness of the finish which can be used on or after the pre-ground and as a topcoat. Forms a glossy/flexible film.
	<b>STRUKTOL F 1</b>	Mixture of polycarbonate, polyurethane and touch modifiers	12.0 – 14.0	anionic	8.0 – 10.0	Opalescent yellowish liquid	Hard	High gloss				●	●		●	●	●	●	●	A "ready to use" compact topcoat and fixing agent for all types of leather. Only the addition of a polyaziridin crosslinker is required. When applied in high amounts, varnish effects can be achieved.
	<b>STRUKTOL F 26 M</b>	Mixture of resins, polyurethane binders, opaque top and touch modifiers	15.5 – 17.5	anionic	7.0 – 9.0	White liquid	Soft	Matt				●	●		●	●	●	●	●	Water-based, opaque, elastic topcoat for use on upholstery leather with a fine touch and can be milled. For higher physical resistance the use of crosslinker is recommended.
	<b>STRUKTOL F 101</b>	Aqueous mixture of resins, polyurethanes and waxes	–	anionic	8.0 – 10.0	Milky liquid	Medium	High gloss					●					●	●	Glossy aqueous, polyurethane topcoat with good light fastness and wet/dry rub fastness. It forms a medium-soft/glossy film with a waxy, pleasant touch.



Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description
TOPCOATS	<b>STRUKTOL F 152</b>	Aqueous dispersion of aliphatic polyurethane	26.0 – 28.0	anionic	7.0 – 8.5	White liquid, slightly opaque	Hard	High gloss					●		●	●	●	●	High gloss topcoat with excellent wet/dry rub fastness which can be applied by roller coater.
	<b>STRUKTOL F 931</b>	Water-based dispersion of modified aliphatic transparent, glossy and natural polyurethane	–	anionic	8.5 – 9.5	Opaque white liquid	Soft	Matt					●				●	●	Matt topcoat for shoe upper and upholstery with a very soft and natural touch. On shoe upper, a dilution ratio of 1:1 with water is recommended. On upholstery it can be sprayed concentrated. It gives an opaque appearance and is resistant to yellowing.
	<b>STRUKTOL F VX</b>	Mixture of polyurethane, casein and touch in aqueous emulsion	5.4 – 7.4	anionic	8.0 – 9.5	Whitish liquid	Hard	High gloss					●					●	Water-based fixing agent for adjusting final gloss by spray application. It gives a bright/soft film and a pleasant touch.
CROSSLINKER	<b>STRUKTOL X 5</b>	mix of aliphatic polyisocyanate	approx. 51.0	–	–	Transparent liquid	Hard	High gloss			●	●	●	●	●	●	●	●	Cross-linker for final water-based basecoats and to improve physical properties of the finish. It has a dry/pleasant touch and improves the evenness of the finish. It can be used in compounds and also in top coats. It takes one week to cure.
	<b>STRUKTOL F UH</b>	Polyaziridine	approx. 70.0	–	–	light yellow liquid	hard	High gloss					●		●	●	●	●	Crosslinks products containing carboxyls and hydroxyls. Improves the abrasion resistance, wet/dry rub fastness and can be used in top coats or in mixtures. It reacts at room temperature and needs about three days to cure.
	<b>STRUKTOL F OP</b>	Polyurea	24.0 – 26.0	anionic	9.0 – 11.0	White liquid	Medium	Matt			●	●		●	●	●			Slow action crosslinker for basecoats and colour coats. Recommended for use in high performance upholstery and shoe upper with good physical properties for wet/dry rub, Martindale or Taber are required.
NC-LACQUER	<b>STRUKTOL N 301 M</b>	Modified nitrocellulose in aqueous emulsion	15.5 – 17.5	–	–	White opaque liquid	Soft	Matt					●				●	●	Silica-free NC-emulsion which gives an opaque/soft film and pleasant touch. Suitable for shoe upper, garment and leather goods with good rub fastness. It can be sprayed in ratio 1:1 with water.
	<b>STRUKTOL N 21</b>	Water emulsion based on nitrocellulose	11.0 – 13.0	anionic	7.0 – 9.0	White fluid	Medium	Medium gloss					●				●	●	Medium glossy NC-emulsion recommended as a glazing agent for gloves, shoe upper and leather goods. It increases water resistance when added to topcoat mixtures with pleasant touch.
	<b>STRUKTOL N 75</b>	Water-based nitrocellulose emulsion	16.0	–	–	White liquid	Medium	High gloss					●				●	●	Glossy NC-emulsion used as a topcoat for shoe upper and leather goods with good wet/dry rub fastness. Recommended dilution is 1:0.5 (max 1:1) with water or with water miscible solvents.

Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description	
TOUCH MODIFIERS	<b>STRUKTOL G 611</b>	Silicone based aqueous emulsion	16.0 – 18.0	anionic	4.0 – 6.0	White liquid	Soft	Medium gloss					●		●	●	●	●	Touch modifier for NC-emulsions and polyurethane topcoats with a natural, smooth and silky touch and increases abrasion resistance. Preferred quantity is 1-5% or 1-5g/kg of the total mix.	
	<b>STRUKTOL T 911</b>	Acrylic polymer	–	anionic	8.5 – 9.5	White liquid	Soft	Medium gloss			●	●	●					●	●	Very soft acrylic which creates a soft, full and slightly oily touch when used as a fixing agent.
	<b>STRUKTOL W 196</b>	Polydimethylsiloxane in aqueous emulsion	–	anionic	6.0 – 8.0	White liquid	Soft	Medium gloss						●			●	●	●	Touch modifier for a warm and silky final touch. Compatible with water based systems and emulsified lacquers. Use in a ratio of 5 -10g/litre.
	<b>STRUKTOL G 642</b>	Aqueous emulsion of modified wax	approx. 21.0	slightly cationic	5.5 – 6.5	White, opaque liquid	Soft	Matt						●		●	●	●	●	Touch modifier for water based systems with a soft, waxy, non-slippery touch and is non-yellowing. It can be used in a mix or sprayed alone in ratio 1:2 / 1:3 with water.
	<b>STRUKTOL G CU</b>	Aqueous dispersion of polymer	26.0 – 28.0	anionic	7.0 – 8.0	Semi-transparent liquid	Soft	Medium gloss						●			●	●	●	Touch modifier for a greasy, pleasant touch which can be used in a topcoat mix or alone.
	<b>STRUKTOL W 66</b>	Aqueous emulsion of silicone	30.0 – 34.0	anionic	5.0 – 7.0	White liquid	Soft	Medium gloss						●		●	●	●	●	Silicone touch modifier with a smooth and natural, pleasant touch. Suitable for water based finishes and improves resistance to scotch tape adhesion test and hot plating.
PENETRATORS	<b>STRUKTOL U 1</b>	Solvent	–	–	–	Clear liquid			●	●	●	●		●	●	●	●	●	●	Penetrator for all kind of finishes which improves the surface evenness.
	<b>STRUKTOL D 92</b>	Mixture of denatured alcohols	–	–	–	Transparent liquid			●	●	●	●			●	●	●	●	●	A specially designed thinning agent.
	<b>STRUKTOL U 4</b>	Mixture of glycols and non-ionic surfactants	–	nonionic	–	Liquid			●	●	●	●			●	●	●	●	●	Penetrating agent specially designed for shoe upper and garment leather finishes.
PIGMENTS	<b>STRUKTOL PS SERIES</b>	Dispersion of pigments in casein binders	–	–	7.5 – 8.5	Liquid	Medium	Matt	●	●	●	●		●	●	●	●	●	Pigments with casein binders for all kinds of leather.	



Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description	
SPECIALITIES	<b>STRUKTOL T G</b>	Colloidal mixture of water-based products	approx. 12.0	anionic	6.5 – 8.5	Liquid	Soft	High gloss	●	●	●	●	●	●			●	●	Flexible, glossy and elastic water-based binder which can be combined with resin finishes and can be ironed. It improves resistance to acetone and is cross-linkable.	
	<b>STRUKTOL T 511</b>	Synthetic wax emulsion	–	anionic	8.5 – 10.5	Whitish emulsion	Soft	Matt	●	●	●	●		●		●	●	Wax emulsion suitable for pre-grounds and top coat mixtures with resins and/or polyurethanes. Very good filling/covering power with a slightly greasy touch.		
	<b>STRUKTOL T P0</b>	Protein binder	12.5 – 14.5	anionic	7.0 – 9.0	Turbid liquid	Medium	High gloss	●	●	●	●	●				●	●	Thin, medium-hard and glossy protein binder which can be combined with other protein binders, resins and modifiers for all types of finishing. It is film-forming with good rub fastness and improves the brightness of the finish.	
	<b>STRUKTOL T 11</b>	Aqueous solution of casein, waxes and matting agents	23.0 – 25.0	anionic	8.0 – 10.0	Light brown fluid	Soft	Matt	●	●	●	●					●	●	An auxiliary composed of casein binder, waxes and duller. It can be used in base coats to obtain soft, non-sticky leathers which can be embossed directly without the need to use release agents. Retains the soft and natural look of the leather.	
	<b>STRUKTOL T 115</b>	Protein binder	16.0 – 18.0	anionic	8.0 – 10.0	Yellow to brown liquid paste	Hard	High gloss	●	●		●	●					●	●	Protein top coat binder which forms a glossy, transparent, medium/soft film. It can be used on all types of articles, alone or in combination with other binders and auxiliaries.
	<b>STRUKTOL T 2 CA</b>	Solution of proteins modified with waxes and oils	–	anionic	7.5 – 9.6	White liquid	Medium	Medium gloss	●	●	●	●	●					●	●	Casein binder with waxes and oils for use in basecoats and top coats. It provides good grain coverage while keeping the leather natural with a warm, soft and waxy handle. It should only be used as a component in final gloss due to its low flexibility.
OILS & WAXES	<b>STRUKTOL H 984</b>	Mixture of oils and paraffins	98.0 – 100.0	–	–	Light brown paste	Medium	Matt	●	●							●		Mixture of oils for pull-up articles. Applied by hot roller-coater at a temperature between 60 and 70°C. It has high covering and surface sealing power resulting in good water resistance.	
	<b>STRUKTOL O 43</b>	Mixture of waterproof oil and thinner	68.0 – 71.0	–	4.0 – 5.0	Amber liquid	Soft	Matt	●	●							●		A waterproof oil with a pleasant, slightly greasy touch. Applied by hot roller-coater and does not negatively effect the waterproof properties.	
	<b>STRUKTOL O 76</b>	Synthetic oil	96.0 – 100.0	–	–	Yellowish liquid, medium viscosity	Soft	Matt	●	●							●		A synthetic oil suitable for pull-up and oiled nubuck articles with a dry touch. It is emulsifiable in water and can be added to waxes and resin-based mixtures to obtain a pull-up effect and waxy articles.	

Application Type	Product Name	Composition	Solids (%)	Charge	pH	Appearance	Hardness	Gloss	Full grain	Corrected grain	Pre-basecoat	Basecoat	Topcoat	Intermediate Coat	Automotive	Upholstery	Shoe & Bag	Garment	TDS short description
OILS & WAXES	<b>STRUKTOL W 4</b>	Aqueous emulsion of waxes	15.5 – 18.5	anionic	8.5 – 10.5	Opaque amber liquid	Hard	Medium gloss	●	●	●	●						●	A polishable wax which forms a transparent and glossy film with a smooth touch. It is also suitable for sole edge finishing and creates a surface darkening effect.
	<b>STRUKTOL W 21</b>	Water-based emulsion of natural and synthetic waxes	approx. 40.0	–	approx. 5.0	Light beige liquid	Hard	Medium gloss	●	●	●	●						●	Wax emulsion to obtain leathers with a hard/shiny appearance and has good lightfastness. Suitable for rustic effects and rollable bottoms.
	<b>STRUKTOL W 98</b>	Solid paraffin	99.0 – 100.0	–	–	White opaque solid	Hard	Medium gloss	●	●								●	A paraffin for deep darkening and brushable effect on buffed leather. It is applied on a hot-roller at a temperature of 70°C. When a more closed surface is required it can be glazed.
	<b>STRUKTOL W 533</b>	Mixture of waxes, oils and paraffin	14.0 – 16.0	anionic	7.0 – 9.0	Whitish liquid	Medium	Matt	●	●	●							●	A mixture of waxes, oils and paraffin suitable for full grain and buffed leathers to obtain brushed articles. It can also be used in top coat mixtures and in fixing agents.
	<b>STRUKTOL W 874</b>	Mixture of waxes and modified oils	7.0 – 8.0	anionic	8.5 – 9.5	Light amber matt liquid	Soft	Matt	●	●	●							●	Oil and wax mix suitable for full grain or corrected shoe-upper leather to achieve a burnish effect while it creates a natural and shiny appearance.
	<b>STRUKTOL W B</b>	Mixture of waxes and binders	12.5 – 14.5	anionic	6.0 – 8.0	White liquid	Soft	Medium gloss	●	●	●							●	A product used as a pre-basecoat used for grain coverage or in the topcoat to get a final high gloss. It can be used alone or combined in a mixture, to obtain brushable effects on veg-tan leathers. It helps to hide defects and grey tones.
	<b>STRUKTOL W HB</b>	Mixture of selected waxes	10.5 – 11.5	anionic	8.5 – 9.5	Whitish liquid	Soft	Matt	●	●	●							●	An anionic mixture of reactive waxes, that creates a matt, uniform appearance to the leather. When brushing the leathers, a strong gloss and closed grain can be achieved.
	<b>STRUKTOL W LCL</b>	Mixture of oils and waxes	98.0 – 100.0	–	–	Amber to brown liquid	Soft	Matt	●	●								●	Mixture of oils and waxes to create a leather with a warm and fatty persistent lanoline like touch. Best applied by roller-coater with a temperature of 50°C. It can be combined with other waxes or warm paraffin to adjust the final touch of the leather.
	<b>STRUKTOL W SP</b>	Mixture of polyurethane resins, waxes and touch modifiers in aqueous solution	13.5 – 15.5	anionic	8.0 – 10.0	Whitish liquid	Soft	Matt	●	●	●	●						●	A mixture of polyurethane resins, waxes and touch modifiers in aqueous solution, suitable for brushed articles with a great closure.

BÖBLINGEN

**Schill+Seilacher GmbH**

Schönaicher Strasse 205  
71032 Böblingen

Phone: + 49 7031 282-0

E-Mail: [leather@schillseilacher.de](mailto:leather@schillseilacher.de)



[schillseilacher.de](https://www.schillseilacher.de)

