#innovative
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Product Catalogue Jeans and Garment

Everything you need for your garment laundry and dyehouse

LAB 102

Blue veins of CHT

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Standard explanations				
	✓	-	(✓)	Empty field
GOTS	GOTS approved textile auxilliary (Ecocert Greenlife)	Not approved for GOTS	Examination is in progress	Test upon request
ZDHC	Complies with ZDHC	Does not comply with ZDHC	Examination is in progress	Open for testing
bluesign®	Our products carrying the bluesign® approved label meet the strict ecological and toxilogical criteria of the bluesign® system and can be found in the bluesign® bluefinder.	Not bluesign® approved	Examination is in progress	Open for testing
Inditex	Listed in The List	Not listed in The List.	Examination is in progress	Open for testing
EIM	Listed in EIM	No listing in EIM	Listing is in progress	Test upon request

Further product certificates available on request.

Key					
i.c. = ionic character	o = without i.c.	a = anionic	n = non-ionic	k = cationic	psk = pseudocationic

organIQ SYSTEM - ECOLOGICAL BLEACHING

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
organIQ seek	Purely organic bleaching system for denim. It can be used in bath application as well as in nebulization machines.	fine granules		✓	✓	✓	✓
organIQ seek PAL	Supporter product which guarantees the best bleaching performance of organIQ seek.	liquid		✓	✓	✓	✓

STONEWASH EFFECTS COMPLETELY WITHOUT STONES

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
organIQ BIOPOWER	Special cellulase mix for fog application to obtain stonewash looks and to reduce lint formation at the same time.	liquid		✓	✓	✓	

NEUTRALISE IN A SUSTAINABLE WAY

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
organIQ NEUTRAL	Biodegradable reduction agent to neutralise potassium permanganate and chlorine and to eliminate manganese dioxide which is formed out of the two substances. Suitable for the application in combination with enzymes and dyes.	crystalline	✓	✓		✓	✓
organIQ NEUTRAL PLUS	Concentrated version of organIQ NEUTRAL for ecological neutralization with the best performance.	crystalline		✓	✓	✓	

Technology supporter

NEBULIZATION

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
organIQ seek System	Purely organic bleaching system for denim. It can be used in bath application as well as in nebulization machines. It is the perfect complement to the organIQ BLEACH system. By using both systems together, the amount of possible effects is almost unlimited. *More detailed information on page 2.*	-		✓	✓	✓	✓
organIQ BIOPOWER	Special cellulase mix for fog application to obtain stonewash looks and to reduce lint formation at the same time. Very sustainable processes, especially also with a subsequent treatment with the organIQ systems.	liquid		✓	✓	✓	

LASER

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL TEC-LL	Applied on the garment to improve the laser effect. Stronger contrast, brighter whiteness of laser. Increased detail of laser pattern. Easy to handle and applicable by spray or nebulization.	liquid		✓	✓	✓	

OZONE

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL TEC-CR	This product helps to achieve strong bleaching results with dry ozone treatments. The achieved bleaching effect with DENIMCOL TEC-CR is totally even and reproducible.	Colorless liquid	✓	✓	✓	✓	✓
DENIMCOL TEC-GIN	This neutralization agent is based on renewable raw materials, is easily biodegradable and allows an ecological neutralization of ozone bleached garments. On blue denim articles, the final color is a brilliant blue, less blurry and grey in comparison with conventional neutralizers.	colourless to slightly yellowish liquid		✓	✓		

FOAM

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL TEC-FOAM	This product creates foam in normal drum washing machines and helps to reduce water in comparison to conventional processes.	liquid psc		✓		✓	

Desizing

Amylases

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
BEISOL AFG-G	Amylase produced without genetic modification. pH range 5.0 - 7.5.	liquid	✓	✓	✓	✓	
BEISOL T 2090-G	Standard recommendation for the desizing, very good cost effectiveness, pH range 6 - 8. High efficiency as of 40 °C.	liquid		✓	✓	✓	✓

PH-buffer

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL BUFFER-NVM 200	Mix of organic and inorganic buffers. Suitable for the application in combination with enzymes and dyes.	liquid	✓	✓	✓	✓	

Antibackstaining

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL CLEAN-ABS NEU	Backstaining blocker especially for CO/PES blends.	liquid n	✓	✓	✓	✓	
DENIMCOL WASH-CPD	Inexpensive, non-ionic detergent recommended in combination with DENIMCOL CLEAN-ABS NEU to reduce backstaining. Concentrate available.	liquid n		✓	✓	✓	
DENIMCOL WASH-WN	Strong non-ionic detergent to reduce backstaining. Can be combined with DENIMCOL CLEAN-ABS NEU for an optimal efficiency.	liquid n/a	✓	✓	✓	✓	
DENIMCOL CLEAN-SMX 2	Combination product of backstaining blocker and dispersing agent for highest efficiency. Very low sensitivity to water hardness.	liquid n	✓	✓	✓		✓
DENIMCOL CLEAN-CSM 2	Concentrate combination product of backstaining blocker and dispersing agent for best antibackstaining results. Very low sensitivity to water hardness.	gel n	✓	✓	✓		✓
DENIMCOL CLEAN-CSM	Concentrate combination product of backstaining blocker and dispersing agent for highest efficiency. Very good cost effectiveness.	gel n		✓	✓	✓	

Stonewash and Biopolishing

Stonewash

Product	Description	Appear-ance	Temp./ pH range	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
BEIZYM HighP	Highly performance neutral cellulase for strong stonewash effects. Applicable at low temperatures. GOTS certified product.	powder	30 – 45 °C 6.0 – 7.0	✓	✓		✓	✓
BEIZYM PUSH	Increases the abrasion effect of no-stone and water free enzyme processes. Perfect partner for BEIZYM HighP.	powder	cold		✓			✓
BEIZYM SPELL-G	Cellulase for low temperature for stonewash effects in a slightly acid to neutral pH range. Low backstaining, low strength loss.	liquid	35 - 40 °C / 5.0 - 6.0		✓	✓		
DENIMCOL SPEC-FFL	These product can be used to protect the fabrics containing elastane and its blends in washing processes	Anti-slipping-agent	40 °C	✓	✓		(✓)	

Biopolish

Product	Description	Appear-ance	Temp./ pH range	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
BEIZYM ACE-G	Strong acid cellulase, produced by non-genetically modified organisms.	liquid	50 °C / 4.5 - 5.5	✓	✓	✓	✓	
BEIZYM HC-G	Strong acid cellulase. Approx. twice as strong as BEIZYM UL-G. Good cost effectiveness.	liquid	50 °C / 4.5 - 5.5		✓	✓	✓	
BEIZYM SPELL-G	Cellulase for low temperature for stonewash effects in a slightly acid to neutral pH range. Low backstaining, low strength loss. On non-denims lowest influence on colour shade, very well suited for very dark dyeings.	liquid	35 - 40 °C / 5.0 - 6.0		✓	✓	✓	
BEIZYM BPN-G	Cellulase for biopolish treatments and stonewash effects up to the neutral pH range. Low backstaining, low strength loss. On non-denims lowest influence on colour shade.	liquid	50 - 55 °C / 5.0 - 7.0		✓	✓	✓	✓
BEIZYM BPN 300-G	Concentrate of BEIZYM BPN-G.	liquid	50 - 55 °C / 5.0 - 7.0		✓	✓	✓	✓

Bleaching

organIQ SYSTEMS - ECOLOGICAL BLEACHING – SEE PAGE 2

Bleach boosters

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL BOOST CL	Activator with affinity to fibres for the hypochlorite bleach. Suited for full bleaches and effect bleaches of blue denim articles. Afterwashing recommended with DENIMCOL DIS-SMS.	Liquid c		✓		✓	
DENIMCOL DIS-SMS	Anionic dispersing agent e. g. to remove cationic pretreatment products e.g. DENIMCOL BOOST CL.	Liquid a		✓	✓	✓	
DENIMCOL BOOST PP	Activator for permanganate spray bleach. DENIMCOL BOOST PP increases the bleaching effect of potassium permanganate solutions by up to 100 % for high-contrast used look surfaces.	Liquid o		✓		✓	
DENIMCOL TEC-CR	This product helps to achieve strong bleaching results with dry ozone treatments. The achieved bleaching effect with DENIMCOL TEC-CR is totally even and reproducible.	Colorless liquid	✓	✓	✓	✓	✓

Metal protection

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL NCD	Multifunctional auxiliary for the peroxide bleach on whites and denim. DENIMCOL NCD adjusts the pH, stabilises hydrogen peroxide and reduces stains through metal parts.	Powder a		✓	✓	✓	✓

Sequestrants

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL DIS-SF4	Universally applicable sequestering agent for garment artciles. Synergetic mixture of different phosphonates with high binding capacity against hardness formers and heavy metals.	liquid	✓	✓	✓		

Optical brighteners

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL BLANC-HA	Optical brightener with high affinity for jeans and garment articles made of cellulosic fibres with a neutral to slightly blush white shade.	Liquid a	✓	✓	✓	✓	
DENIMCOL AZUL	Special brightener to adjust the final cast until a clear brilliant blue after a bleaching treatment with the organIQ seek system on Denim articles. No negative influence to yellowing properties.	Liquid a		✓	✓	✓	

Thickener for effect bleaches

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-FTL	Special thickener for thickening bleaching solution with potassium permanganate or sodium hypochlorite. Stabiliser for foam processes.	Powder o		✓	✓	✓	

Neutralisation

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
organIQ NEUTRAL	Biodegradable reduction agent to neutralise potassium permanganate and chlorine and to eliminate manganese dioxide which is formed out of the two substances. Suitable for the application in combination with enzymes and dyes.	crystalline	✓	✓		✓	✓
organIQ NEUTRAL PLUS	Concentrated version of organIQ NEUTRAL for ecological neutralization with the best performance.	crystalline		✓	✓	✓	
DENIMCOL TEC-GIN	This neutralization agent is based on renewable raw materials, is easily biodegradable and allows an ecological neutralization of ozone bleached garments. On blue denim articles, the final color is a brilliant blue, less blurry and grey in comparison with conventional neutralizers.	colourless to slightly yellowish liquid		✓	✓		

Softening

Softeners containing silicone

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SOFT-66	Macroemulsion of an aminofunctional silicone. Very soft, silicone-like handle. Concentrate available.	liquid n/c		✓	✓	✓	
DENIMCOL SOFT-64	Macroemulsion of an aminofunctional silicone. Very soft, silicone-like handle.	liquid n/c		✓	✓	✓	
DENIMCOL SOFT RGH	Organomodified silicone microemulsion. High core softness, flowing handle on wovens and knits. Excellent hydrophilicity. In the bath stable up to pH 11. Free from thermal yellowing.	liquid c		✓	✓	✓	
DENIMCOL SOFT-SMF	Microemulsion of an aminofunctional silicone. High core softness, flowing handle on wovens and knits.	liquid n/c					
DENIMCOL SOFT-HWS	Silicone-based emulsion with additives. High core softness, flowing handle on wovens and knits. Very good hydrophilicity and compatibility with whites.	liquid psc	✓	✓	✓	✓	

Silicone free softeners

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SOFT-KRE	Cationic softener for a very soft handle on denim and non-denim articles. Positive influence on the yellowing of indigo dyed articles caused by harmful gases.	liquid c	✓	✓	✓	✓	✓
DENIMCOL SOFT-PEN	Hydrophilic polyethylene emulsion for a good bulkiness of pile fabrics. Furthermore ideal as additive to easy care finishes to reduce losses of strength and rubbing fastness.	liquid c	✓	✓	✓	✓	
DENIMCOL SOFT-HAWK	Slightly cationic softener for a very soft handfeel on denim and non-denim articles. Positive influence on indigo yellowing. Very good price / performance ratio.	liquid c	✓	✓	✓		

Flakes and liquid concentrates

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SOFT-4748	Slightly cationic, hot water soluble softener concentrate. Good cost effectiveness. Ideal for the application on blue denim. Positive influence on the yellowing of indigo dyed articles caused by harmful gases.	flakes psc	✓	✓	✓	✓	✓
DENIMCOL SOFT-2270	Concentrate of DENIMCOL SOFT RGH.	liquid c					
DENIMCOL SOFT-9270	Concentrated emulsion of an organically modified silicone. Very soft handle characteristics, hydrophilic and suitable for whites.	liquid psc		✓	✓	✓	
DENIMCOL SOFT-KRE CONC	Cationic, hot water soluble softener concentrate. It has a positive influence on the yellowing of indigo dyed articles caused by harmful gases and gives a bulky and fluffy handle.	Flakes c		✓	✓	✓	

Indigo Fixation

Binders and alike

Product	Description	Type	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-FIX ML 55	Formaldehyde-reduced melamine fixing agent for crosslinking of polymer binders and resulting improvement of permanence.	Mela-mine	Liquid n		✓	✓		
DENIMCOL FIX-ICM	Fixing agent to improve the effect of binder applications in the exhaust process. Crosslinking already at 95 - 120 °C.	Isocy-anate	liquid		✓	✓		

Cationic aftertreatment

Product	Description	Type	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL FIX-RUB	Highly effective, rubbing fastness improving post-treatment agent for denim	Polyure-thanedis persion	liquid c	✓	✓		✓	

Washing and dispersing

Detergent

Product	Description	Appear-ance	Oil elimin a-tion	GOTS	ZDHC	blue-sign®	In di-te x	EIM
DENIMCOL WASH-CPD	Inexpensive, low foaming detergent for prewashing and post-washing processes, denim desizing and stonewash. Concentrate available.	liquid n	+		✓	✓	✓	
DENIMCOL WASH-WN	Strong, low foaming detergent for prewashing and post-washing processes, denim desizing and stonewash.	liquid n/a	++	✓	✓	✓	✓	
DENIMCOL WASH-RGN	Universal detergent with very distinct oil emulsification power. Also applicable as stain remover.	liquid n	++++	✓	✓	✓	✓	✓
DENIMCOL WASH-FX	Universal, low foaming detergent with high washing and cleaning power, which provides excellent hydrophilicity, especially with cotton.	liquid n	+++		✓	✓		✓

Special dispersing agent

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL DIS-OL	Universal dispersing agent for the application in garment finishing. Excellent dispersing effect on all kinds of pigments. Ideal for application in pigment dyeing.	liquid n		✓	✓	✓	
DENIMCOL DIS-SMS	Anionic dispersing agent e. g. to remove cationic pretreatment products e.g. DENIMCOL BOOST CL.	liquid a		✓	✓	✓	

Dyeing

Dispersing, sequestering, levelling

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL DIS-DPE	Sequestering and dispersing agent for alkaline dyeing and aftertreatment processes on cotton and cotton blends.	liquid a	✓	✓	✓	✓	
DENIMCOL DIS-SF4	Universally applicable sequestering agent for garment artciles. Synergetic mixture of different phosphonates with high binding capacity against hardness formers and heavy metals.	liquid	✓	✓	✓		
DENIMCOL DIS-MIP	Multifunctional product for pretreatment, dyeing and soaping cellulosic materials. RFD fabrics can be dyed just after the pre-wash without rinsing.	liquid a		✓	✓	✓	✓
DENIMCOL DIS-SPIDER	Multiprocess product for controlled dyeing and pretreatment of cellulose fibres and cellulose fibre mixtures.	liquid a	✓	✓	✓		✓
DENIMCOL LEV-M	Universal levelling and stripping agent for dyeing garment articles. High affinity to anionic dyes.	liquid n		✓	✓	✓	
DENIMCOL LEV-DLC	Low foaming levelling agent for direct dyestuffs for dyeing garment articles. Achieving a calm and level fabric appearance even on articles which are difficult to dye.	liquid a	✓	✓	✓		

Soaping

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SEL 200	Concentrated, surfactant-free special product for aftersoaping reactive dyeings and reactive prints in electrolyte-enriched liquors.	liquid a	✓	✓	✓	✓	
DENIMCOL SEL	Surfactant-free special product for the soaping of reactive dyeings and prints. Optimal results even in washing liquors containing salt at a neutral or alkaline pH value.	liquid a	✓	✓	✓	✓	✓

Metal protection

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL AR	Protection from staining by metal applications during the dyeing of ready-made pieces of clothing.	liquid n/a	✓	✓	✓	✓	

Crease prevention

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL LUB-BPA	Crease prevention agent for cellulosic materials based on acrylamide. Crease formation is reduced because of a higher liquor viscosity.	paste o	✓	✓	✓	✓	✓
DENIMCOL LUB-TCC	Crease prevention agent based on polyethylene to improve the gliding properties of cellulosic materials and their blends with synthetics/elastane in pretreatment and dyeing processes.	liquid n	✓	✓	✓	✓	

Fastness improvement

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL FIX-ACP	Aftertreatment agent for reactive and direct dyed garment articles made of natural or regenerated cellulose fibres.	liquid c		✓	✓	✓	
DENIMCOL FIX-ACP 200%	Concentrate of DENIMCOL FIX-ACP.	liquid c		✓	✓	✓	
DENIMCOL FIX-FSN	Aftertreatment agent for garment articles made of natural or regenerated cellulose fibres. Particularly good effect on direct dyeings, but also applicable for reactive dyeings.	liquid c		✓	✓	✓	✓

Defoaming & wetting

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL CDS	Wetting agent with excellent foam-inhibiting properties based on hydrophilic silicone surfactants.	liquid n		✓	✓		
DENIMCOL SD	Strong, silicone-free wetting and deaerating agent with foam-inhibiting properties.	liquid n		✓		✓	

Gel dyeing

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-FTL	Special thickener for producing a reactive or direct dyeing gel for “SLUSH DYE“ effect dyeing on garment articles. Stabiliser for foam processes.	powder o		✓	✓	✓	
DENIMCOL XRN PEARLS	Weak oxidation agent for preventing an undesired reduction effect in garment dyeing, e.g. In “SLUSH DYE”.	granulate a		✓	✓	✓	

Pigment Dyeing

Precationisation

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL FIX-FSN	Auxiliary to mordant garment articles made of cellulose for the subsequent pigment dyeing without bath change.	liquid c		✓	✓	✓	✓
DENIMCOL FIX-GF	Highly effective cationic auxiliary agent to mordant garment articles made of cellulose for the subsequent dyeing with pigment dyes in the exhaust process.	liquid c	✓	✓	✓	✓	
DENIMCOL FIX-OS	Reactive agent to mordant garment articles made of cellulose. Well suited for the subsequent dyeing with metal complex or pigment dyes.	liquid c		✓		✓	

Dispersing

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL DIS-OL	Dispersing agent for the application in pigment dyeing of garment articles. Excellent dispersing properties on all kinds of pigments.	liquid n		✓	✓	✓	

Binders

Product	Description	Type	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL BINDER GF-C	Acrylate dispersion with soft film. Fixation already at 90 - 100 °C in drum drier. Especially for the application in pigment dyeing.	acrylate copolymer dispersion	liquid a	✓	✓	✓	✓	

Resin finishing

Synthetic resins

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL RES CCP-T	Modified DMDHEU (glyoxal resin) for producing used and 3D-effects on denim articles as well as for easy care finishing of cellulosic non-denims. Low formaldehyde content.	Liquid o		✓	✓		
DENIMCOL RES-TIO	Glyoxal resin with integrated catalyst system for easy handling. Low formaldehyde content.	liquid o		✓	✓		
DENIMCOL RES-ZFA	Formaldehyde-free resin (DMeDHEU) for the application on denim and non-denim articles made of cellulose fibres. Very low reservation to hypochlorite bleach.	Liquid o		✓	✓	✓	
DENIMCOL RES-ZFA PLUS	Formaldehyde-free resin with integrated catalyst system for easy handling on denim and non-denim articles made of cellulose fibres. No reservation to hypochlorite bleach.	liquid o	✓	✓			

Catalyst for resins

Product	Description	Appear-ance	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL RES-ABT	Synergetic catalyst compound for catalysing DENIMCOL RES-ZF and ZFA. Facilitates the crosslinking of DENIMCOL RES-ZF/ZFA and DENIMCOL RES CCP-T at 120 °C.	liquid		✓	✓	✓	
DENIMCOL RES-FS	Metal salt catalyst with organic additives for catalysis of resins based on glyoxal and melamine. Contains formaldehyde catchers for an addition as reduction of the free formaldehyde content on finished material.	liquid		✓	✓	✓	

Wetting agent

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL HV	Penetration accelerator and wetting agent with excellent foam-inhibiting properties for the application of auxiliary liquors on garment articles. Applicable in spray and dipping liquors.	liquid n		✓	✓	✓	

Additives for resins

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL BINDER-PAC	Acrylate dispersion with a very soft, elastic film. Excellently suited for the combination with synthetic resins to reduce the strength loss as e.g. in the SOFT RESIN finish.	liquid a	✓	✓	✓		
DENIMCOL BINDER-FFR	Formaldehyde-free acrylate dispersion with a very soft film. Excellently suited for the application in formaldehyde-free synthetic resin liquors to reduce the strength loss.	liquid a		✓	✓	✓	
DENIMCOL SOFT-PEN	Hydrophilic polyethylene emulsion ideally suited as additive to easy care finishes to reduce the loss of strength and abrasion resistance.	liquid n	✓	✓	✓	✓	

Special effects

Pearl and glitter effects

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-PERL	Polymer paste with pearl pigments for brilliant mother-of-pearl and metallic effects with silvery lustre.	paste a		✓	✓	✓	
DENIMCOL SPEC-MS	Polymer paste with finest aluminium particles for silver metallic glitter effect.	paste a		✓		✓	
DENIMCOL SPEC-GDG	Polymer paste with PES glitter particles for brilliant and very permanent silver metallic glitter effects.	paste a		✓		✓	

Patches adhesives and foil adhesives

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-GD 200	Polyurethane paste for a very permanent application of fashionable patches without addition of fixing agent. Can be applied as gloss finish.	paste a	✓	✓	✓	✓	
DENIMCOL SPEC-TD 90	Polymer paste for the application of silver foil effects. Excellent permanancy.	paste a		✓	✓	✓	

Gel and foam

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-FTL	Special thickener for producing a reactive or direct dyeing gel for “SLUSH DYE“ effect dyeing on garment articles. Stabiliser for foam processes.	powder o		✓	✓	✓	
DENIMCOL XRN PEARLS	Weak oxidation agent for preventing an undesired reduction effect in garment dyeing.	granulate a		✓	✓	✓	
DENIMCOL TEC-FOAM	For most different foam treatments.	liquid psc		✓	✓	✓	

Leather effects

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-MGR	Polymer paste for producing the MULO effect. Gives glossy effects after ball washing and/or rubbing and a leather-like appearance.	paste a		✓	✓	✓	
DENIMCOL SPEC-CRACK2	Polymer paste for producing the PATINA effect, a glossy colour coating with slightly brittle look, similar to that of old, used leather.	paste a		✓	✓		

Shine effects

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-MGR	Polymer paste for producing the MULO effect. Gives glossy effects after ball washing and/or rubbing.	paste a		✓	✓	✓	
DENIMCOL SPEC-MGC	Polymer paste for producing the colourless WAX SHINE effect. Gives a transparent gloss effect after ball washing and/or rubbing.	paste a		✓	✓		
DENIMCOL SPEC-LUSTER	Polymer paste for producing a slightly noble lustre on the fabric surface of dark denims or non-denim articles. Pressing is not necessary.	paste a		✓	✓	✓	
DENIMCOL SPEC-CRACK2	Polymer paste for producing the PATINA effect, a thin, soft, glossy colour coating.	paste a		✓	✓		

Reservation effects

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-FAT 102	Polymer paste based on acrylate for local reservations on blue denim articles in case of application of different bleaching procedures. Furthermore, reservations on various dyes. Very soft handle.	paste a		✓			

Crack effect

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-CRACK1	Polymer basic paste for producing crack effects similar to the look of an ageing, cracking lacquer. 2 coat system with DENIMCOL SPEC-CRACK2.	paste a		✓	✓	✓	
DENIMCOL SPEC-CRACK2	Polymer topcoat paste for producing crack effects similar to the look of an ageing, cracking lacquer.	paste a		✓	✓		

White pigment

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-WEISS K 70	Concentrated white pigment for the use in binder-based special effect finishes.	liquid a	✓	✓		✓	
DENIMCOL SPEC-WEISS K80	Concentrated white pigment for the use in binder-based special effect finishes.	liquid a	✓	✓	✓		✓

Useful additives

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-DAP	Auxiliary for reducing the viscosity of spray liquors containing thickener. Support the even application / aspect of the spray layer.	liquid		✓	✓	✓	
DENIMCOL SPEC-PG	Alcoholic solution for reducing the drying speed of polymer liquors with a high active content. Improves the liquor stability.	liquid		✓	✓	✓	
DENIMCOL SPEC-FILL	Additive for polymer pastes to create special effects such as nylon denim, muffa mat, ice finish, etc.	powder	✓	✓	✓		

Further auxiliary recommendation for the special effects category will be given to you on demand since we are constantly developing products for new trends.

Polymer binders

Acrylate

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL BINDER-FFR	Formaldehyde-free acrylate dispersion with a very soft film. Excellently suited for the application in formaldehyde-free synthetic resin liquors to reduce the strength loss.	liquid a		✓	✓	✓	
DENIMCOL BINDER-PAC	Acrylate dispersion with a very soft, elastic film. Excellently suited for the combination with synthetic resins to reduce the strength loss as e.g. in the SOFT RESIN finish.	liquid a	✓	✓	✓		
DENIMCOL BINDER GF-C	Acrylate dispersion with soft film. Fixation already at 90 - 100 °C in drum drier. Especially for the application in pigment dyeing and in OLIATO finish.	liquid a	✓	✓	✓	✓	

Polyurethanes

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-CPU	Polyurethane dispersion with soft film. Fixation already at 90 - 100 °C in drum drier.	liquid c		✓	✓	✓	
DENIMCOL SPEC-PUS	Concentrated polyurethane binder with medium soft film. Used to produce a rubber-like handle or to produce gloss (pressing is then required).	liquid a		✓	✓	✓	
DENIMCOL SPEC-GD 200	Polyurethane paste for a very permanent application of fashionable patches. Can be applied as gloss finish.	paste a	✓	✓	✓	✓	✓

Polyvinyl alcohol

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-RPD	Viscous solution of a polyvinyl alcohol for a non-permanent fabric stiffening. Application e.g. as scraping aid.	liquid n		✓	✓	✓	

Fixing agent for polymer binders

Product	Description	Appear-ance / i.c.	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL SPEC-FIX ML 55	Formaldehyde-reduced melamine fixing agent for crosslinking of polymer binders and resulting improvement of permanence.	liquid n		✓	✓		
DENIMCOL SPEC-FIX H26	Formaldehyde-free crosslinking agent based on a blocked isocyanate. Blocked without butanone oxime. Crosslinking as of a temperature of 130 °C.	liquid n		✓	✓	✓	
DENIMCOL FIX-ICM	Non-blocked crosslinking agent based on isocyanate to increase the effect and permanency of binder application or water repellency finishes in the exhaust process. Crosslinking already at 95 – 120 °C.	liquid		✓	✓		
DENIMCOL SPEC-FIX 104 W	Highly concentrated, polyfunctional fixing agent based on aziridine for the crosslinking of polymer binders already at 90 - 100 °C. Application by dipping.	liquid o		✓		✓	✓

LAB
102

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