
PRODUCT RANGE

BITUMEN & ASPHALT



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LUCOBIT AG
the EBA Company
(Ethylene-Butyl-Acrylate)

Application	GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA				APPLICATION	OTHERS
					PENETRATION AT 25°C	SOFTENING POINT RING AND SPHERE	DUCTILITY	BREAKING POINT ACCORDING FRAASS	ELASTICITY MODULUS	COLD BENDING BEAM TEST	ELONGATION AT BREAK-TYPE 5A (MD/TD)		
					0,1MM	°C	CM	°C	MPA	°C	%		
					1426	1427	DIN EN 13589	12593	ISO 527		ISO 527-1 ISO 527-2		
Asphalt Modification	Lucobit 1210A	ECB	black	granules	25-55	>= 55	>15	<-10	17	<-30	>800		
	Lucobit 1210AC	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Mischung aus Bitumen B50/70 und 5% Lucobit 1210AC	ECB	black	granules	25-55	≥ 55	>50	<-10			>803		
	Lucobit 1210AH	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Mischung aus Bitumen B50/70 und 5% Lucobit 1210AH	ECB	black	granules	25-55	≥ 55	>15	<-10			>805		
	Lucobit 1210AP	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Mischung aus Bitumen B50/70 und 5% Lucobit 1210AP	ECB	black	granules	20-60	≥ 55	>15	<-10			>801		
	Lucobit 1210AX	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Mischung aus Bitumen B50/70 und 5% LucobitAX	ECB	black	granules	25-55	≥ 55	>15	<-10			>803		
	Lucofin 2202 RS	EBA	natural	granules									
Bitumen Modification	Lucobit 1210A	ECB	black	granules	25-55	>= 55	>15	<-10	17	<-30	>800		
	Lucobit 1210AC	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Mischung aus Bitumen B50/70 und 5% Lucobit 1210AC	ECB	black	granules	25-55	≥ 55	>50	<-10			>803		
	Lucobit 1210AH	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Mischung aus Bitumen B50/70 und 5% Lucobit 1210AH	ECB	black	granules	25-55	≥ 55	>15	<-10			>805		
	Lucobit 1210AP	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Mischung aus Bitumen B50/70 und 5% Lucobit 1210AP	ECB	black	granules	20-60	≥ 55	>15	<-10			>801		
	Lucobit 1210AX	ECB	black	granules	25-55	>=55	>15	<-10	17	<-30	>800		
	Lucofin 2202 RS	EBA	natural	granules									
	Lucowax 1705	Wax	natural	granules									
Lucowax 1761	Wax	natural	granules										

Application	GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA				APPLICATION	OTHERS	
					SOLIDIFICATION POINT	DROP POINT	NEEDLE PENETRATION (25°C)	NEEDLE PENETRATION (65°C)	KIN. VISCOSITY (130°C)	FLASH POINT (CLOSED CUP)	DENSITY (20°C)			
					°C DIN ISO 2207	°C METTLER 1K/MIN	1/10 MM DIN 51579	1/10 MM DIN 51580	MM ² /S DIN 51562 - 1	°C	G/ML			
Application	Fibres	Lucocell FG3000	Fibre	grey	micro grain									
		Lucocell PE3700	Fibre	grey	micro grain									
	Bitumen for Mastix Asphalt	Lucowax1705	Wax	natural	granules	100-106	114-120	0-2	0-12	15-20	>150	0,5-1,0		
		Lucowax 1761	Wax	natural	granules	80-110	75-120				> 150	0,5-1,0		
		Luxbit 92	high vacuum bitumen	black							> 300			
	Colored asphalt	Lucolor	powder	red	0,7 - 1,1									
		Lucolor	powder	green	1,0 - 1,3									
		Lucolor	powder	blue	1,0 - 1,3									
		Lucolor	powder	yellow	0,4 - 0,6									

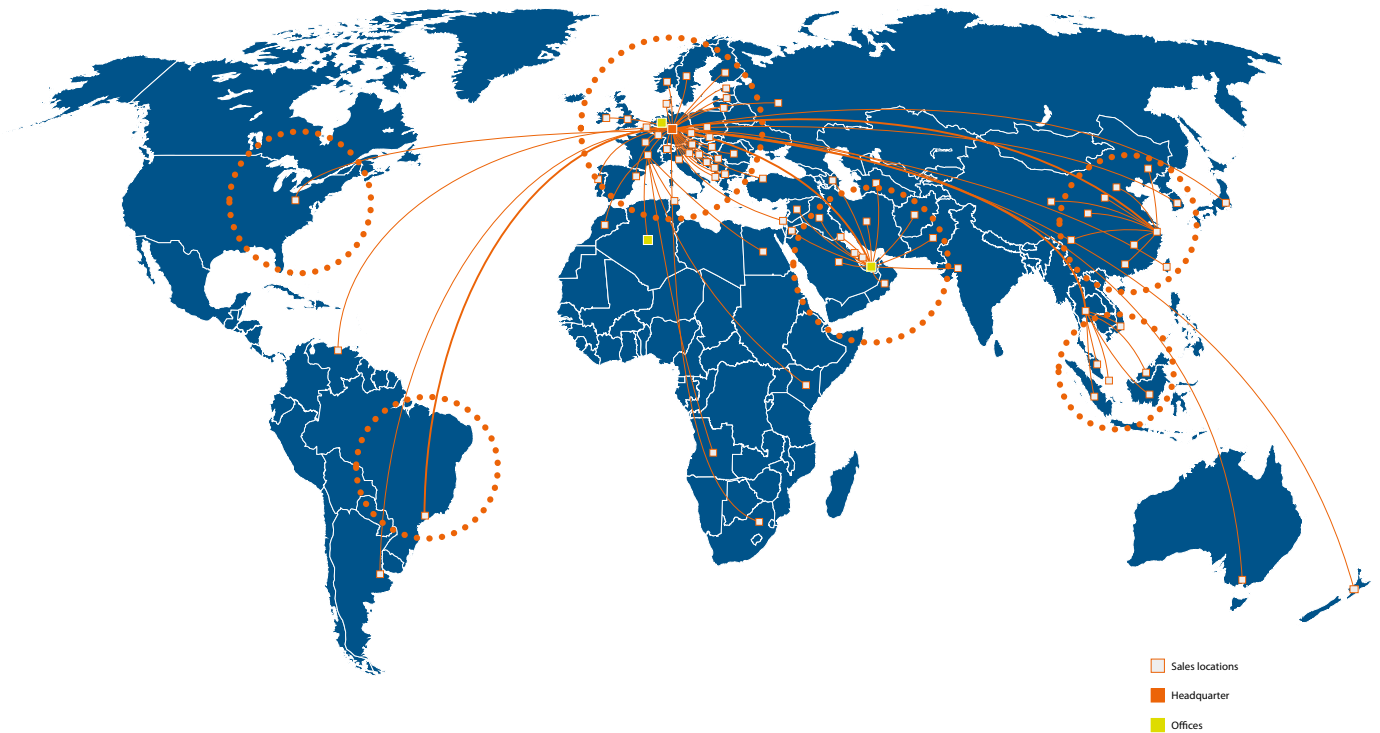
Application	GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA					APPLICATION	OTHERS	
					KIN. VISCOSITY 40°C	KIN. VISCOSITY 100°C	DENSITY AT 15°C	DENSITY AT 70°C	REFRACTIVE INDEX 20°C	VDK	SULFIDE CONTENT	POUR POINT			FLASH POINT COC
					MM ² /S DIN EN ISO 3104	MM ² /S DIN EN ISO 3105	KG/M ³ DIN 51757 Verf. 3	KG/M ³ DIN 51757 Verf. 3	DIN 51423-02	DIN 51378	MASS. -% SDIN EN ISO 14596	°C DIN ISO 3016			°C DIN EN ISO 2592
Application	Cold Asphalt	Lucophalt													
		Lucophalt 500				410	19,6	942,4	915,3	1,528	0,887	0,9	24	271	
		Lucophalt 5138		green-brown		3000	60	972		1,542	0,901	4	15	300	

Application	GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA			APPLICATION	OTHERS
					SOLIDICATION POINT	DROP POINT	FLASH POINT (CLOSED CUP)	DENSITY (20°C)	SOLIDS CONTENT	PH VALUE		
					°C	°C	°C	G/ML	%	%		
					DIN ISO 2207	METTLER 1K/MIN			DIN 51378			
Dunes - Sand Stabilisation	Lucowax 1761	Wax	natural	granules	80-110	75-120	> 150	0,5-1,0				
	Lucosoil 2400 D	dispersion	white	liquid				1,07	55	4,5		
	Lucosoil 2590 R	dispersion	white	liquid				1,0-1,2	49-51	8,0-9,0		

Application	GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA				MECHANICAL DATA				APPLICATION	OTHERS
					ELONGATION AT BREAK FIBRE ROVING		TENSILE FORCE (KN/M)		MODULUS OF ELASTICITY FIBRE ROVING					
					%	%	KNM	KNM	MPA	MPA				
					LENGTH	CROSS	LENGTH	CROSS	LENGTH	CROSS				
Reinforcement for Asphalt with bituminous grid	Lucogrid Bitumen	grid	black	roll	≤4,5	1,75	120 (bei 2,60% Dehung)	200 (bei 1,75 % Dehung)	≥73 000	≥ 240 000				
	Lucogrid Glass	grid	black	roll	≤4,5	≤4,5	120 (bei 2,60% Dehung)	130 (bei 2,60% Dehung)	≥73 000	≥73 000				
	Lucogrid Glass50	grid	black	roll	<3	<3	50	50	≥73.000	≥73.000				
	Lucogrid Glass120	grid	black	roll	<3	<3	120	120	≥73.000	≥73.000				

Application	GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA	APPLICATION	OTHERS
					SOLIDICATION POINT	DROP POINT	FLASH POINT (CLOSED CUP)	DENSITY (20°C)		
					°C	°C	°C	G/ML		
					DIN ISO 2207	METTLER 1K/MIN				
Wax for improvement viscosity	Lucowax1705	Wax	natural	granules	100-106	114-120	>150	0,5-1,0		

LOCATIONS



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