
PRODUCT RANGE

BITUMEN & ASPHALT



... we make better polymers

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 | |
|-------------|----------------------------|-----------------|---------------------|---------------|---------------------|----------------------|---------------------------|---------------------------|-------------------------------------|--------------------------|----------------|-------------|--------|--|
| | | | | | SOLIDI-CATION 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 | | | | | | | | | |

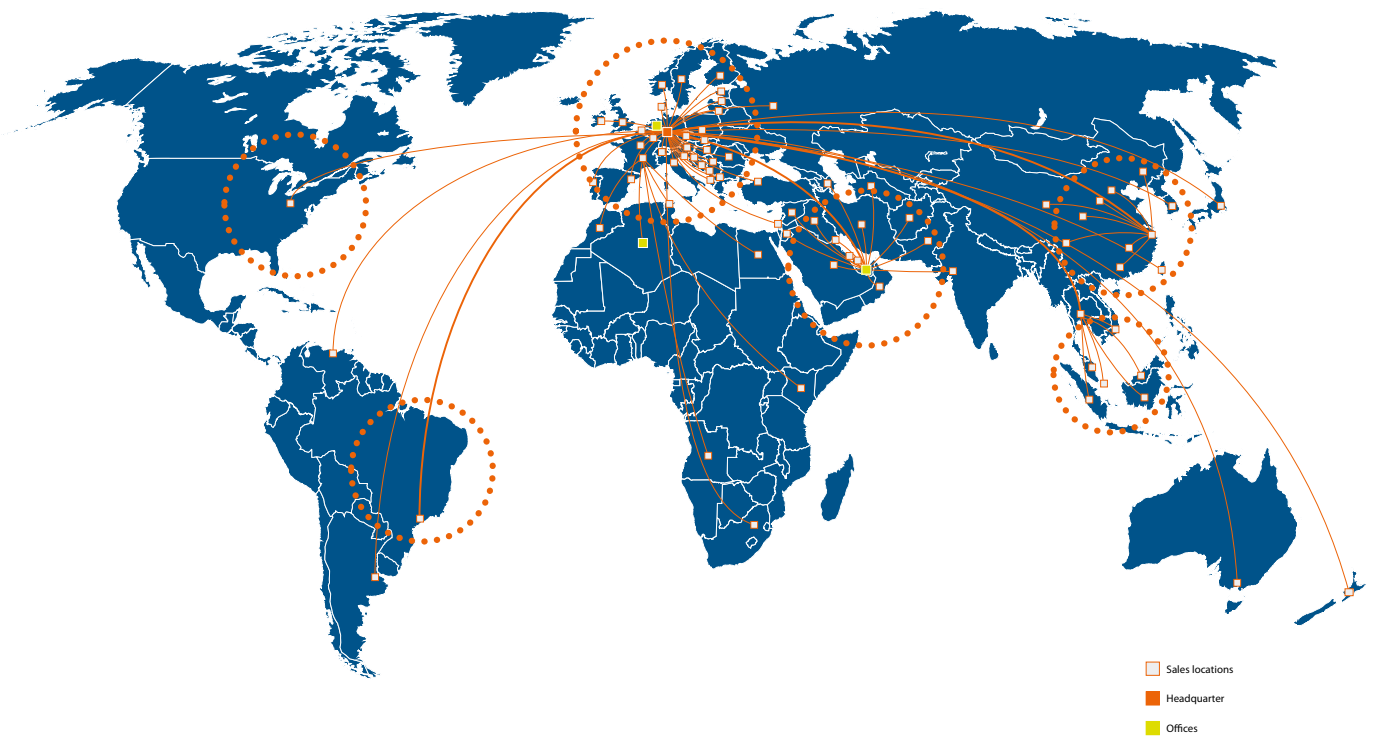
| Application | GRADE | TYPE | COLOR | PARTICLE SIZE | GENERAL DATA | | | MECHANICAL DATA | | | | | APPLICATION | OTHERS | |
|-------------|--------------|----------------|-------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-----------------------|-----------|-------------------------------|--------------------|-------------|--------|-----------------------|
| | | | | | 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 Ver. 3 | KG/M ³ DIN 51757 Ver. 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 | |

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|----------------------------|-----------------|------------|---------|---------------|--------------------|----------------|--------------------------|-----------------|----------------|----------|-------------|--------|
| | | | | | 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 | | |

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|--|-------------------|------|-------|---------------|----------------------------------|-------|------------------------|-------------------------|------------------------------------|-----------|--|--|-------------|--------|
| | | | | | 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 | | | | |

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|-------------------------------|-------------|------|---------|---------------|--------------------|----------------|--------------------------|-----------------|-------------|--------|
| | | | | | 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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