

## RECOMMENDATIONS FOR THIS PRODUCT

ESTOL-Ultra-Clean  
(bitumen cleaner)



ESTOL-Adhesion Primer



ESTOL-Adhesive



Manual tamper



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## ROAD CONSTRUCTION PRODUCTS

ESTOL - BIOMAK



APPLICATION

Thanks to its optimised formula, ESTOL-Biomak can be used for all road surfaces, like stone mastic asphalt, poured asphalt and concrete for example.

ESTOL-Biomak is ideal for improving and compensating uneven areas as well as for repairing damage on thin pavement layers. ESTOL-Biomak is suitable for creating new surface layers after raising and regulating shafts and gutters.

- ESTOL-Biomak 0/2 - Installation depth up to max. 10 mm
- ESTOL-Biomak 0/4 - Installation depth up to max. 40 mm
- ESTOL-Biomak 0/8 - Installation depth up to max. 60 mm
- ESTOL-Biomak 0/11 - Installation depth up to max. 80 mm

Deeper damaged areas can be evened out using ESTOL-Biomak (and/or filled with loose chippings).

Designation	Biomak	Makabit	Repl
Grain size 0-2 or 0-3 mm	X		X
Grain size 0-4 or 0-5 mm	X	X	
Grain size 0-8 mm	X	X	
Grain size 0-11 mm	X	X	
25 or 30 kg container	X	X	X
40 kg container		X	X
contains solvents		X	X
reactively setting	X		
ideal for damaged areas in OPA surfaces	0/8 and 0/11	0/8 and 0/11	
Stability of a hot mix asphalt surface		X	X
Stamp penetration depth like a poured asphalt surface		X	X
Storage length	6 Months	1 year	1 year
recyclable	X	X	X
Viscosity	XXX	XXX	XXX
Setting	XXX	XXX	XXX
Final strength	XXX	XXX	XXX
Processing	XXX	XXX	XXX

PROPERTIES

ESTOL-Biomak is a reactively hardening asphalt mixture with 0/2, 0/4, 0/8, and 0/11 chipping grain sizes.

ESTOL-Biomak can be cold processed with a high initial stability after approx. 15 minutes.

ESTOL-Biomak sets quickly when water is added, whereby the material also adheres well to moist surfaces.

ESTOL-Biomak is 100 % solvent-free.

ESTOL-Biomak 0/2 can be spread extremely smooth.

Deformation is no longer possible after setting, even at high temperatures during summer months.

ESTOL-Biomak can be easily paved on and can also be installed in frost temperatures (follow technical data sheet).

ESTOL-Biomak is made with renewable plant materials and is also recyclable making it environmentally friendly.



INSTALLATION

Clean surface from dust and standing water.

Apply a thin coat of ESTOL-C40BF1-S or ESTOL-Adhesion Primer for thin layers without flank adhesion and concrete surfaces.

Distribute ESTOL-Biomak generously over the damaged area.

Sprinkle well with water (e.g. watering can); approx. 1 - 2 l for 30 kg of mixture. Immediately compact the mix well using a tamper or agitator-plate.

Lightly sand the surface to decrease surface stickiness.

Open section for flowing traffic.  
... finished!

SUPPLY/STORAGE

ESTOL-Biomak is available in 30 kg containers. 27 containers are packed onto one pallet.

Store the container in a cool, dry place and do not expose to direct sunlight. ESTOL-Biomak can be stored in its unopened original container for up to 6 months. Partially empty containers must be used up quickly.

Find more information on our website at [www.stm-malsch.de](http://www.stm-malsch.de).

We are happy to send you a free, no-obligation quote and our technical data sheets. These data sheets will provide you with more data and information about how our products are processed.

What our company is all about

Many streets and building are deteriorating under the effects of climate and traffic, which can initiate wear-out and lead to destruction over the course of time. This process can be countered with the right repair and renovation measures, which enhance structural integrity in a way that satisfies safety and order regulations. Süddeutsche Teerindustrie GmbH & Co. KG has been working on technologies to perfect street renovation for over 100 years. Based on

countless developments that have been tested through and through, upcoming construction projects will be handled reliably with a high level of competence. Clients from all over the Federal Republic of Germany, as well as from neighbouring European countries, have confidence in our experienced employees and excellent products. STM stands for fair partnership with maximum performance for our clients.

