

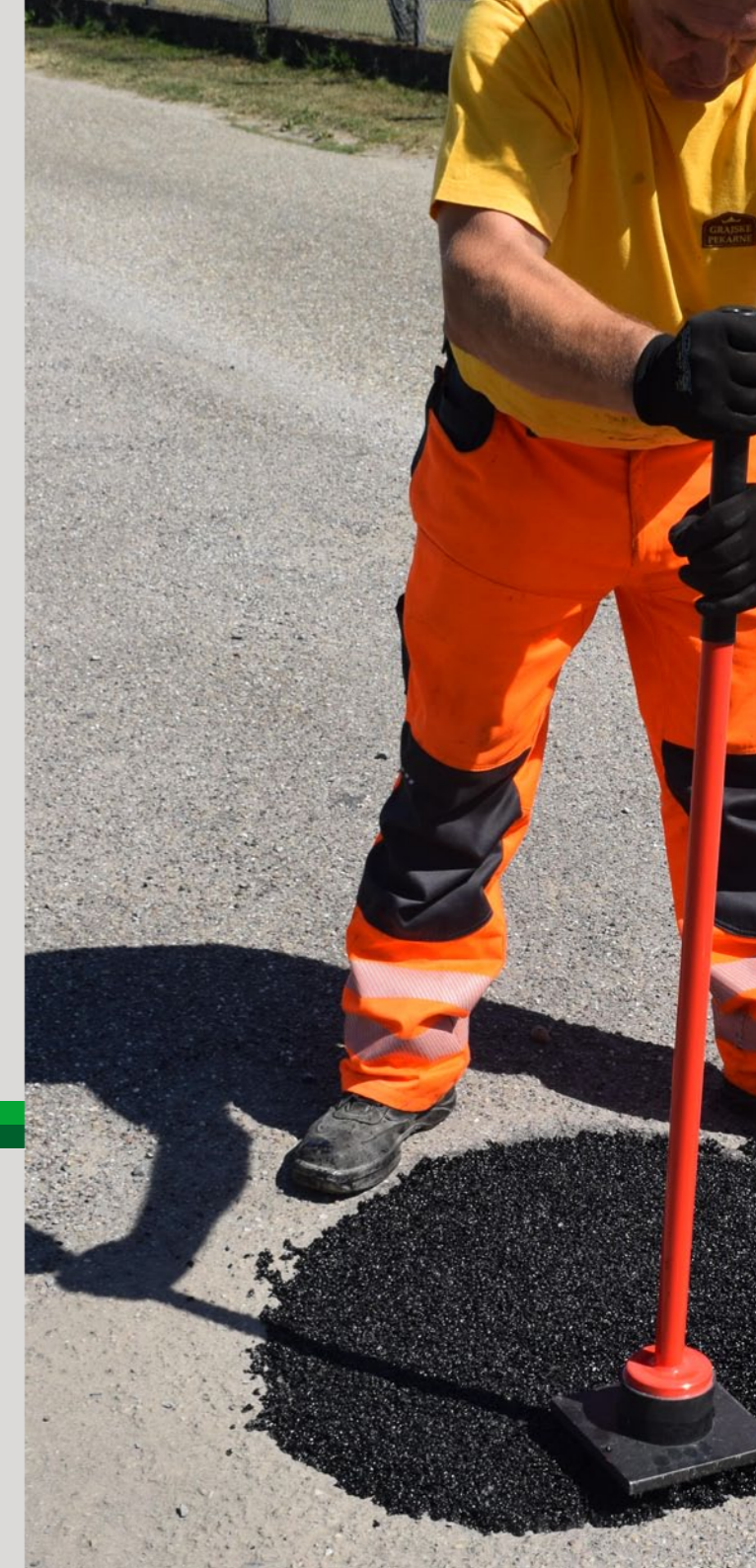


### Our mission

Many streets and buildings are increasingly suffering from the impact of climatic and traffic strains, which over time can cause them to experience fatigue and wear or even lead to their destruction. Appropriate repair and renovation measures can be taken in order to counter this process, enhancing structural integrity so that the regulations for safety and orderliness can be satisfied adequately. Süddeutsche Teerindustrie GmbH & Co. KG has been working with technologies for perfecting road maintenance for over 100 years. Countless developments that are tested in house from top to bottom attest to our high degree of competence in executing upcoming construction projects. Clients throughout Germany as well as from neighboring European countries have confidence in our experienced staff and excellent products. STM stands for fair partnership with a maximum degree of performance for our clients.



Without compromise ...  
**Makabit®+**  
... is a smash hit



STM VERTRIEBS GMBH

STM VERTRIEBS GMBH  
INNSBRUCKER BUNDESSTR. 126 • A-5020 SALZBURG

FON +43 (0) 662 25 15 00 -333  
FAX +43 (0) 662 25 15 00 -555

INFO@STM-VERTRIEBS-GMBH.AT  
WWW.STM-VERTRIEBS-GMBH.AT

ROAD  
CONSTRUCTION  
PRODUCTS  
Makabit®+

## WHAT YOU ABSOLUTELY MUST KNOW

Makabit+ is a cold-processed, directly installable, single-component repair material. It can be processed directly from the container without the need for additives. In order to ensure proper adhesion, the areas in need of repair must be free of "standing" water and other contaminants. For achieving optimal results, we recommend priming the subsurface with ESTOL C40B5-S. To support and accelerate the hardening process in dry weather, the material can be sprayed with water (approximately 0.5 l per 25 kg of mix) prior to compressing (32 x 25 kg of metal containers available per pallet). Makabit+ can be applied with a layer thickness of between 1 and 5 cm. Deeper segments can be filled with crushed stone or gravel or simply apply Makabit+ in multiple layers.

## STORAGE

Makabit+ can be stored in its original container for up to 12 months - in a cool, dry place and not outdoors. The temperature range for installation is -20 to +40°C. For improved processing in winter temperatures, we recommend storing Makabit+ in temperature-controlled areas between 10 and 15°C.

## NOTE

Please observe the technical data sheet as well as the safety data sheet. Further information can be found on our website at [www.stm-vertriebs-gmbh.at](http://www.stm-vertriebs-gmbh.at)

## APPLICATION

Makabit+ can be taken directly from the container and poured into the pothole, with a bit extra heaped on top. After this, first hammer down and then compress with a vibrating plate or stamper. The repaired area will immediately be ready for traffic once sand has been strewn across it. Normal road traffic will provide the final compression.

TEST RESULTS MAKABIT+		
Binding agent content	> 6,0 %	✓
Void content	< 10,0 %	✓
Void density	< 2,0 g/cm <sup>3</sup>	✓
Marshall stability	> 7,0 kN	✓
Rut formation test	< 5mm	✓
Hardening	yes	✓
VOC solvent content	0,0 %	✓
Renewable raw materials	> 65 %	✓
Softening point of hardened binding agent	> 50°C	✓
Needle penetration of hardened binding agent	< 200 *0,1mm	✓

**Testreport:** State Road Building Authority of Saxony-Anhalt KIT Karlsruhe; Note: selection from the technical data sheet



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## CONGRATULATIONS...

...for our smashing surprises. We leave nothing out for you when it comes to our top-of-the-line product Makabit+.

