

Pavement Reinforcement System **GlasGrid® Rapid**



RYCHLÁ
OPRAVA



EXTRÉMNÍ
PŘILNAVOST



BEZPEČNĚJŠÍ
SILNICE



UDRŽITELNÉ
ŘEŠENÍ

STICK and PAVE

WHAT DO YOU NEED TO SOLVE?

- Cracking & concrete joints & utility trench repair
- Time limit for road repair
- Staff shortages
- Limited place for machinery
- Repairs at low and high air temperatures

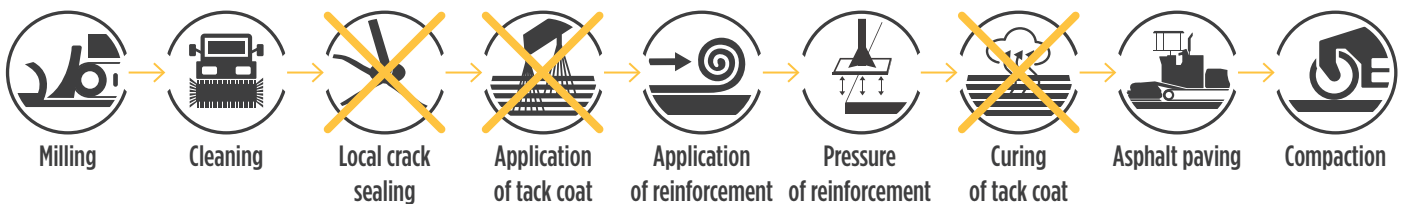


HOW CAN YOU SOLVE IT?

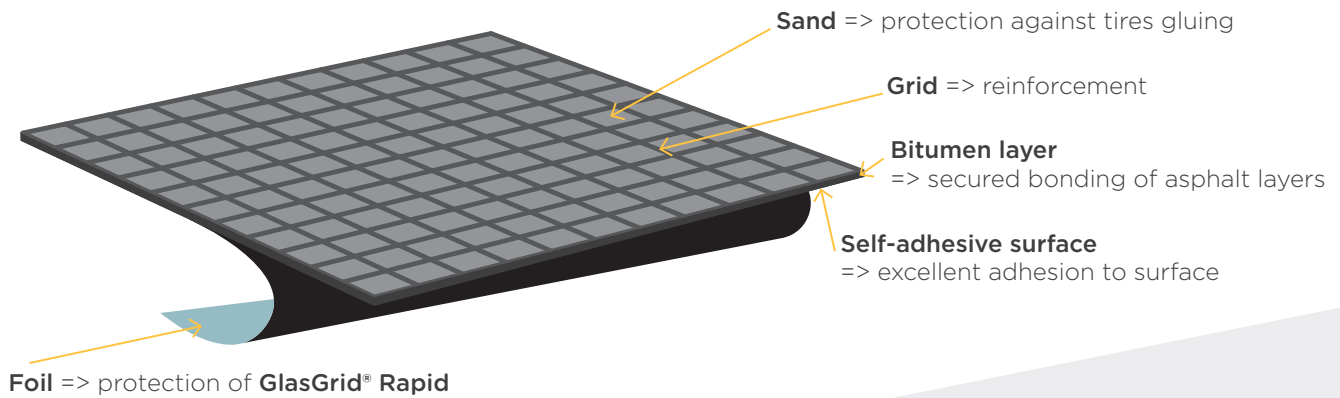
- Reinforce & protect
- Skip technological steps of repairs
- Reduce number of staff
- Do not use additional machinery
- Apply extremely adhesive material



Repair with GlasGrid® Rapid



Superior asphalt pavement reinforcement with built-in high modified bitumen self-adhesive layer. Engineered solution to reinforce pavements and dramatically speed up the road reconstruction process by replacing the need for applying a tack coat.



BENEFITS



3x longer road life time due to the reduction of cracks and the reduction of deformations in the road



Up to 50% reduction in future investment for repair and maintenance



Fast and efficient application thanks to self-adhesive layer



Application on all types of asphalt or concrete surfaces (milled & flat)



Usable from desert to mountain weather conditions



Increased traffic capacity of the road



10% better waterproofing and drainage of the road



Less technological processes save manpower and mechanization on job site



Easy to mill and recycle



Positive impact on the environment

KEY FEATURES



Self-adhesive composite reinforcement



Full-area highly modified penetrated asphalt membrane



Optimized packaging

RAPID REPAIR

Application on all surfaces:

- old/new asphalt surfaces
- old/new concrete surfaces
- milled surfaces
- combined milled and flat surfaces

**Surfaces should be
dry and dust-free.**



Unroll **GlasGrid® Rapid**
& peel off the foil in 1 step



Press to the surface



Pave by asphalt

TESTED IN THE LAB, PROVEN IN THE FIELD

Excellent adhesion to asphalt layer

EN 13596

- High bond strength ensures safe application without waves and risk of wear and tear on tires occurred by driving of construction trucks on applied geogrid.

LABORATORY TEST RESULT 250 N

ADHESION
IN THE FIELD
> 200 N



SAFE
DRIVING

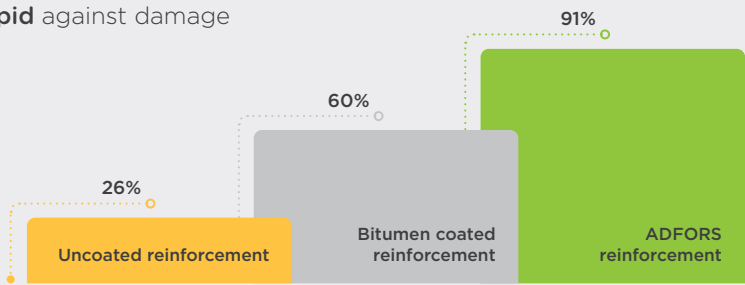
Effective protection of thermal stable polymer coating

1. Guaranteed tensile strength after application

EN ISO 10722:2020

- The dynamic load test simulates damage and tensile strength loss of reinforcement during installation and paving.
- The damage test proves effectiveness of thermal stable polymer coating and confirms resistance of ADFORS **GlasGrid® Rapid** against damage during installation and paving.

RESIDUAL TENSILE
STRENGTH AFTER TEST

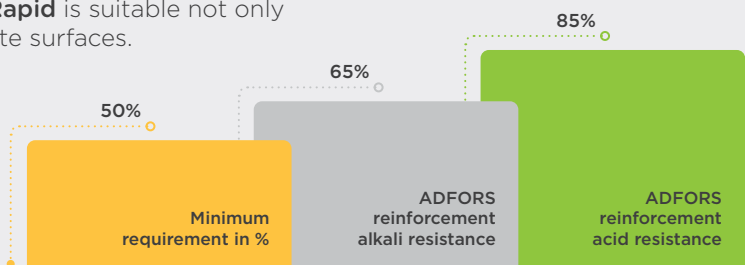


2. Alkali resistance allowing application on concrete

EN 14030

- Alkali resistance is needed for all functions of the geogrid used in direct contact with unprotected concrete or cement stabilized surface.
- The test result confirms that ADFORS **GlasGrid® Rapid** is suitable not only for application on asphalt but also cement concrete surfaces.

ALKALI & ACID RESISTANCE
TEST RESULT



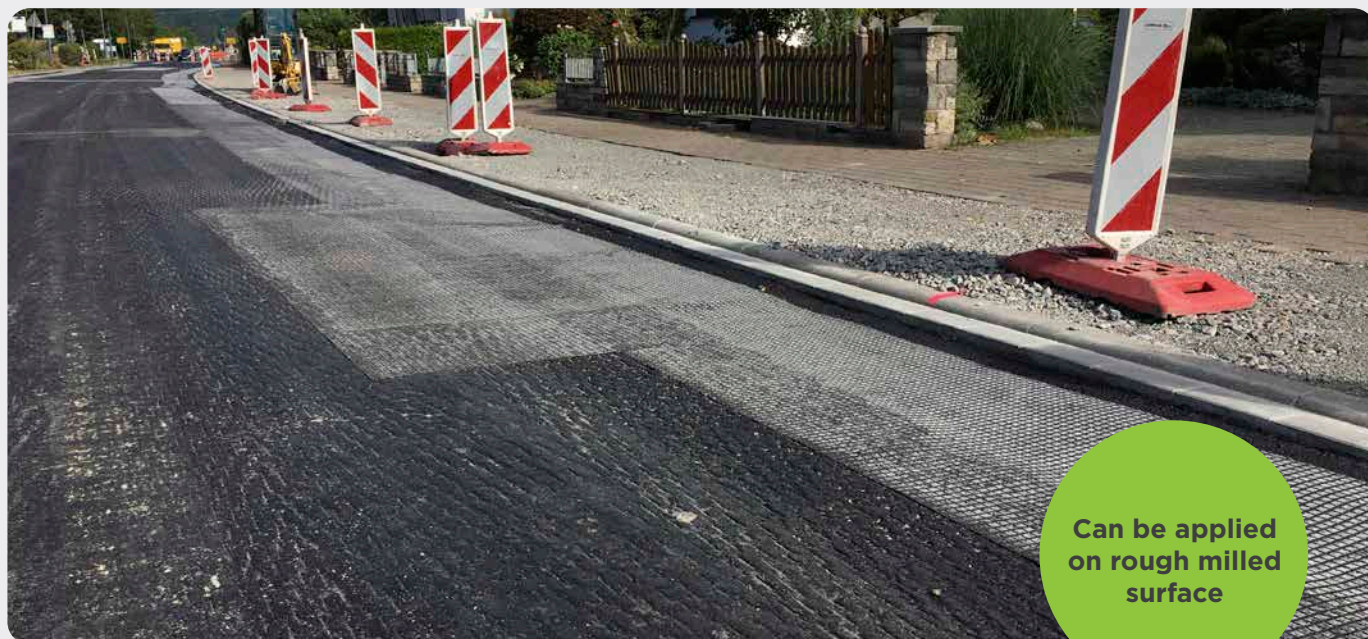
Impermeability as protection against water penetration

EN 12697-40

- ADFORS **GlasGrid® Rapid** applied on AC11 and PA8 (porous asphalt) protected surfaces against water penetration during extended 24-hour of testing.



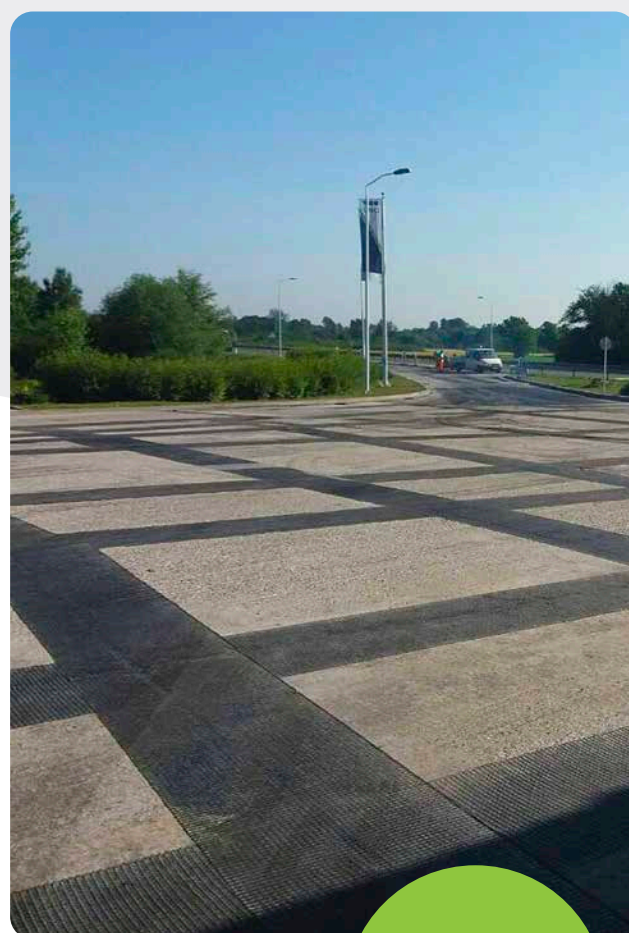
DID YOU KNOW ABOUT GLASGRID® RAPID?



Can be applied
on rough milled
surface



Can be used
below wearing
course
min. 4 cm



Can be applied
directly over
the joints
of concrete
slabs


SAINT-GOBAIN

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