

# Pavement Reinforcement System GlasGrid® Rapid



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

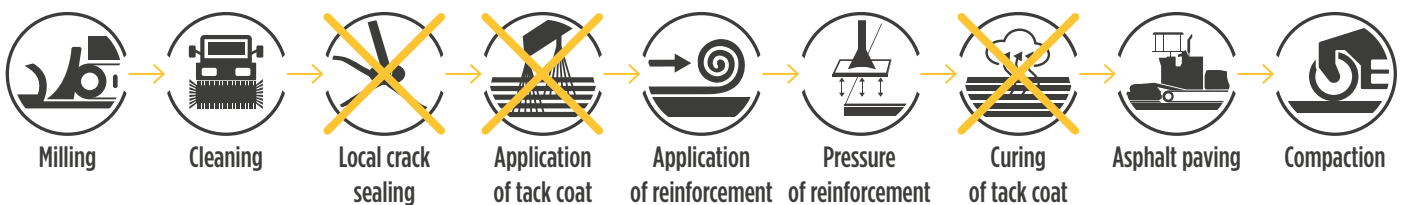


## HOW CAN YOU SOLVE IT?

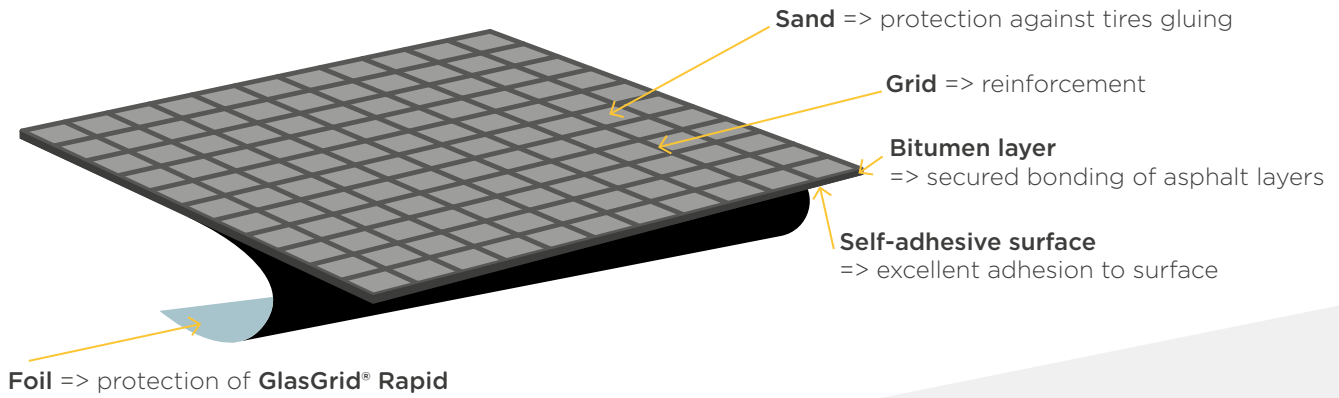
- Reinforce & protect
- Skip technological steps of repairs
- Reduce number of staff
- Do not use additional machinery
- Apply extremely adhesive material



## 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



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



Press to the surface



Pave by asphalt

## 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.**



## 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

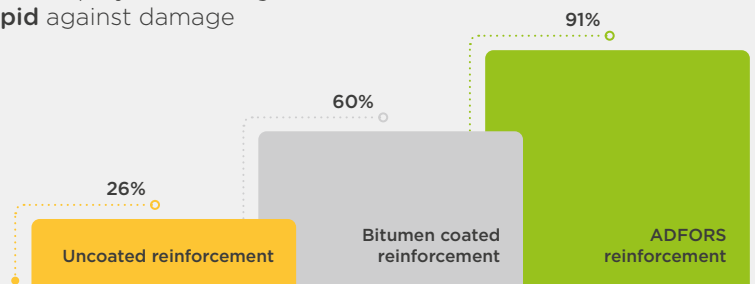
## Effective protection of thermal stable polymer coating

### 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

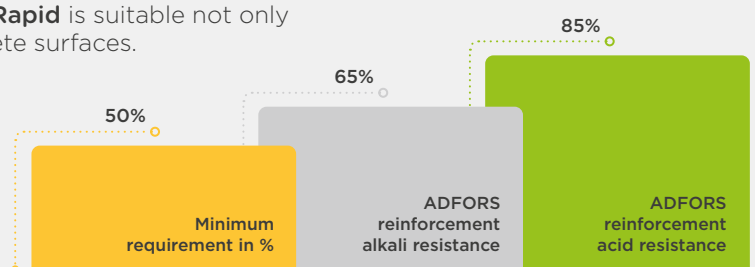


### 2. Alkali resistance allowing application on concrete

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



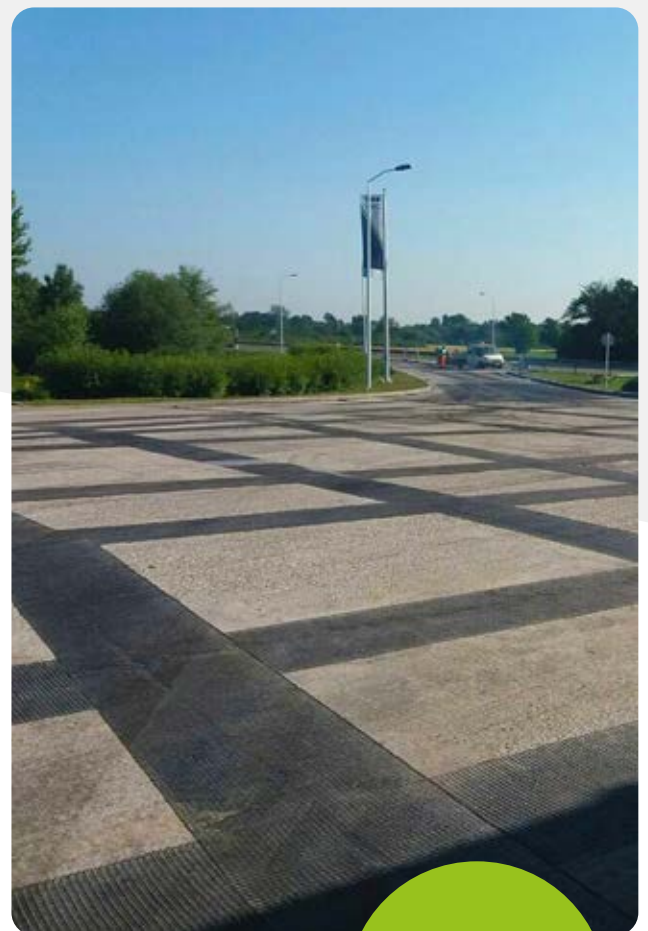
## Impermeability as protection against water penetration

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?



  
**SAINT-GOBAIN**

**SAINT-GOBAIN ADFORS CZ s.r.o.**

Sokolovská 106  
570 01 Litomyšl • The Czech Republic  
Tel.: +420 461 651 111  
glasgrid.cz@saint-gobain.com  
www.adfors.com

© 2022 Saint-Gobain ADFORS

 1021-CPR-040/15-1  
15



 PRINTED ON RECYCLED PAPER