ADFORS
SAINT-GOBAIN

# Pavement Reinforcement System
# GlasGrid® Rapid


## STICK and PAVE

SAINT-GOBAIN

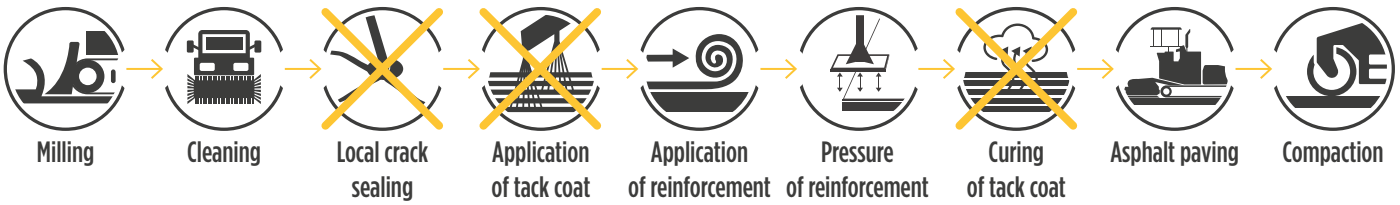
## WHAT DO YOU NEED TO SOLVE?

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

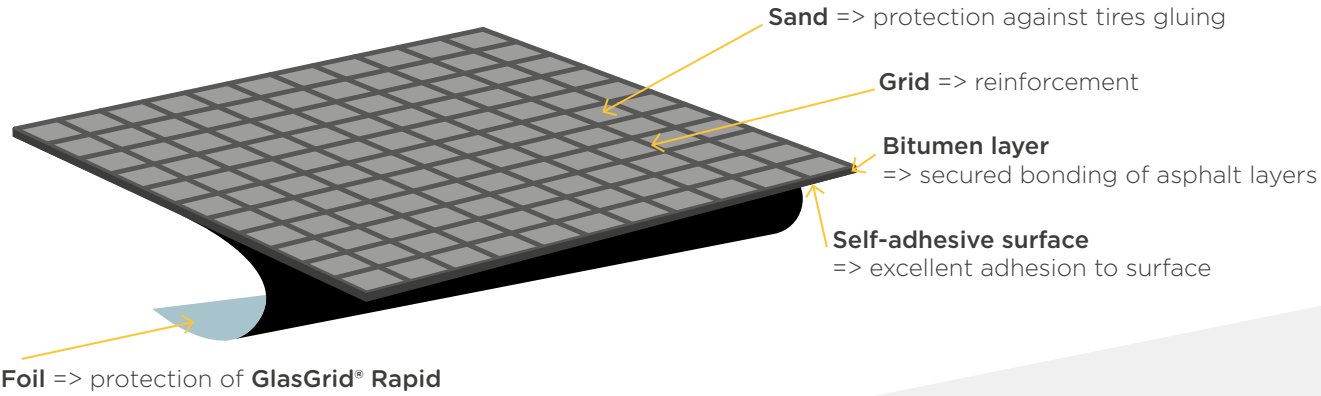
## HOW CAN YOU SOLVE IT?

- 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


## Effective protection of thermal stable polymer coating

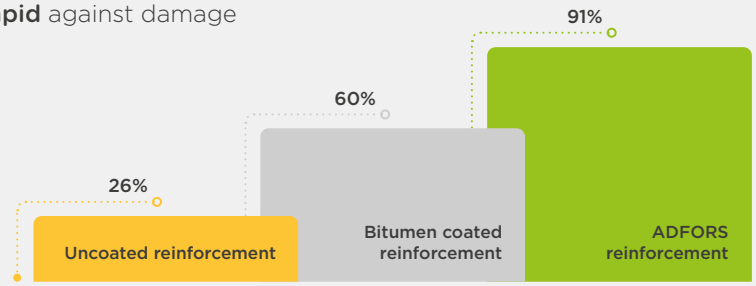
**1. Guaranteed tensile strength after application**

**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



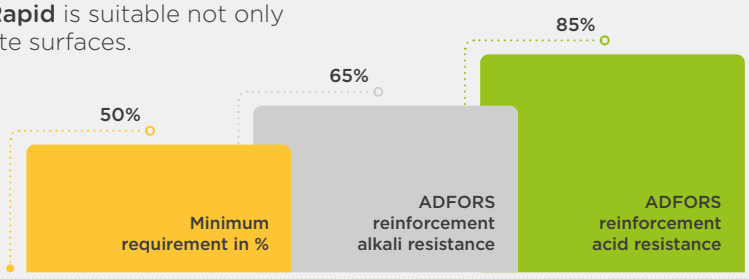

**2. Alkali resistance allowing application on concrete**

**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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