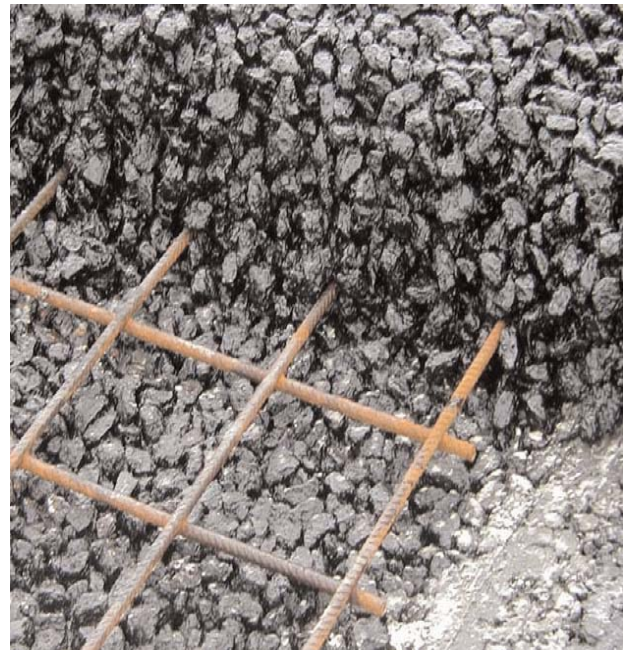


REINFORCED DENSIPHALT

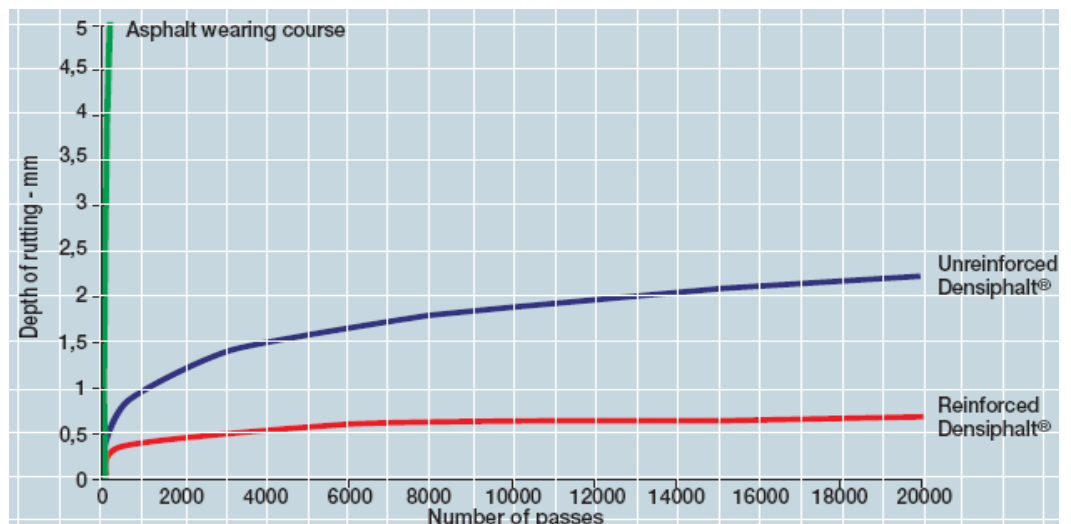
Reinforced Densiphalt is a unique solution to a quick and durable repair of damaged asphalt preventing dents and rutting to appear again. The bearing capacity of Densiphalt and the base course is increased significantly by placing a steel reinforcement mesh on top of the base course before applying the Densiphalt topping. A cost-effective solution for strengthening of selected areas exposed to extreme high loads or continuous traffic in order to avoid dents and rutting.

Reinforced Densiphalt

Densiphalt is comprising semi flexible Pavement, an open-graded asphalt with the voids filled with a high-strength cement based mortar. The bearing capacity of a Densiphalt floor or pavement can be improved further by placing steel reinforcement on top of the base course before applying 40 -60 mm of Densiphalt depending on the loading applied on the areas. The only requirements to the reinforcement mesh are that it is made of steel and that the bars are a minimum of 5mm, the width of



the mesh may not exceed the width of the loading wheel. In special cases where the thickness of the Densiphalt exceeds 60 mm 2 reinforcement meshes can be applied.





Densiphalt cures in 24 hours at 20°C. The steel reinforcement prevents the pressure from deforming the base course. Damaged asphalt areas are

replaced with reinforced Densiphalt by simply removing the asphalt, tack coating, placing steel reinforcement mesh in the area and applying open graded asphalt and finally filling the voids with Densiphalt mortar. Due to the low water content of the Densiphalt mortar, it cures rapidly and the area can be used after just 24 hours at 20°C.

Local strengthening in new builds

Densiphalt is known for its very high resistance against point loads and rutting. If dents or rutting is recorded in a Densiphalt floor or pavement it is due to compression and settlement in the underlying layers. In applications where asphalt is proven to be the most ideal bearing course, Densiphalt can be reinforced locally in order to prevent dents or rutting, minimising maintenance costs and thickness in the build-up. When applying a Densiphalt flooring or pavement it is only necessary to place steel reinforcement on the areas which in use will be exposed to extreme

