

Title (en)

Use of a textile lattice for reeinforcing bitumen-bonded asphalts layers

Title (de)

Verwendung eines textilen Gitters zum Bewehren bitumengebundener Asphaltschichten

Title (fr)

Utilisation d'un treillis textile pour renforcer des couches d'asphalte liées par du bitume

Publication

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Application

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Priority

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Abstract (en)

[origin: US2003017771A1] The invention relates to a wide-meshed, textile lattice to provide reinforcement for bitumen-bonded layers, in particular of road surfacing, which is coated with a bonding compound having an affinity for bitumen and essentially consisting of two sets of parallel, load-bearing threads (1, 2), whereby one set of threads (1) extends in the longitudinal direction of the lattice and the other set of threads extends in the direction perpendicular to the longitudinal direction of the lattice and the threads (1, 2) are of glass fibres or chemical fibres such as polymer fibres or polycondensate fibres. In order to develop a reinforcing lattice for bitumen-bonded layers which provides a better bond with a pre-prepared formation than the known lattices, the over-crossed threads (1, 2) are secured to a thin fleece (3) by Raschel-locking, whereby the binding Raschel-locking threads (5) surround the longitudinally extending threads (1) of the lattice and secure the threads (2) extending transversely.

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