

Performance

development of effective methods for evaluating the performance of UBGM and promote fit-for-purpose approach

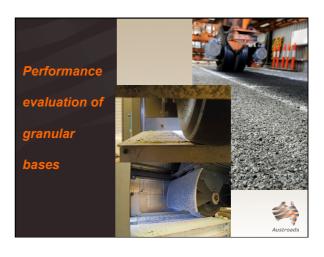
comparison of field performance using ALF and lab processes to support use of wheel tracker testing procedure and repeat load triaxial (RLT)

bases

traditional materials depleting as road freight demand in performance of UBGM and promote fit-for-purpose approach

comparison of field performance using ALF and lab processes to support use of wheel tracker testing procedure and repeat load triaxial (RLT)

increase pavement performance and improve use of existing and new pavement materials







performance and service life of bituminous surfacings

need to improve specifications for procurement to achieve optimum performance

achieve enhanced

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investigate whether segregating PMBs will show same performance as non-segregating PMBs

test the effect of polymer degradation on the performance of PMBs

binder is key component in the



Mix design and field evaluation of FBS pavements

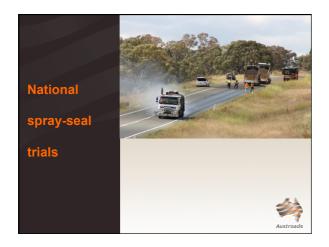
- improvement of marginal materials using recycling techniques known as 'stabilisation'
- bitumen stabilisation has become increasingly popular in Australia– particularly the use of FBS
- need to improve understanding of the performance of FBS materials under traffic loading
- finalising improvement of current Austroads mix and pavement design procedures
- monitoring the performance of under-designed FBS pavements

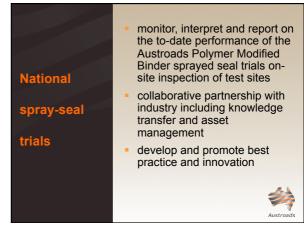




- purpose of project to provide improved procedures for designing longer-life asphalt
- development of an improved model for fatigue damage prediction
- new procedures for determining asphalt moduli
- develop improved models for temperature prediction in deep lift asphalt pavements
- single temperature model multi layered multi temperature model
- evaluation asphalt endurance limits methods
- eventual integration of long-life pavement design concepts into Austroads Guide to Pavement Technology Part 2







French laboratory – Laboratoire Central des Ponts et Chausséees (LCPC) developed methodology for a enrobé à module élevé Class 2 material
 Enrobés à module élevé Class 2
 transfer
 EME2

