



A Preservation solution for new Surface Dressings

Extending the life of a new surface dressed site is particularly beneficial when the economic climate is difficult and the pressure on local authority budgets is building.

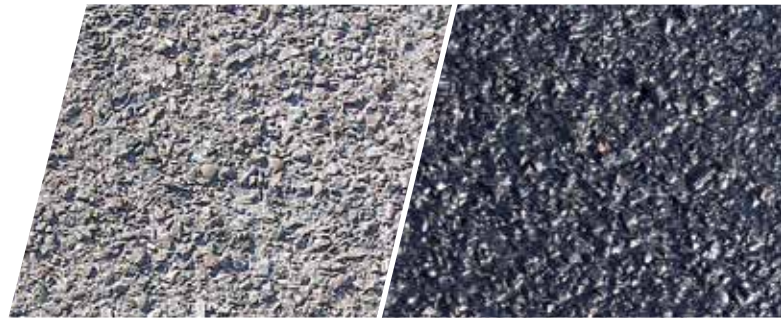
LockChip is a Preservation solution for application on to a new Surface Dressing to further prolong the life of the dressing and to minimise the risk of early failure especially in 'stress' areas ie bends, junctions, works entrances etc. Applying LockChip will also help to reduce the issues associated with aftercare, especially on High Speed Roads, by minimising the effects of loose chippings when the site is fully opened to traffic. LockChip will 'blacken' the dressing giving the surface a consistent appearance.

LockChip is an overspray of a specially formulated polymer modified bitumen emulsion applied to the new dressing by the use of conventional spray tanker (approx. 0.5l/m²) and will take approx. 1 hour to break depending on weather conditions. LockChip should be applied after the road has been swept (in accordance with the RSTA Code of Practice for Surface Dressings) ideally after the second sweep. Any road markings can be replaced in conjunction with application.

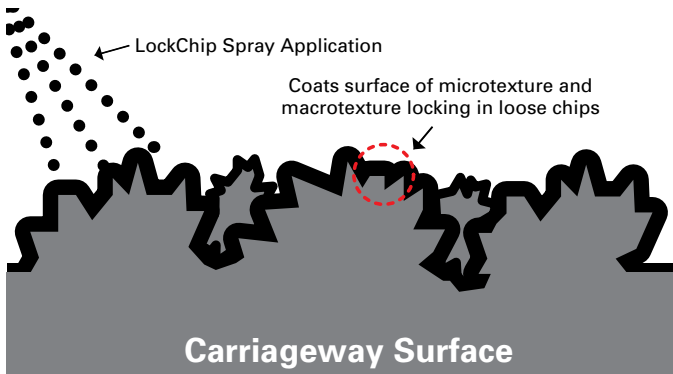


LockChip will stabilise the surface dressing minimising the effect of loose 'flyers' which could cause damage to passing vehicles or annoyance to residents in urban locations. By 'blackening' the road surface, the application of LockChip will greatly enhance the aesthetics of the new dressing by giving it the consistent appearance of an asphalt or macadam.

LockChip will remain in the macrotexture of the new dressing sealing it, and retarding the onset of the weathering process.



LockChip Spray Application



Caption

Suitable LockChip Applications

- ✓ Where a new surface dressing has been applied
- ✓ Where loose chippings are a hazard on 'open' sites causing possible damage to vehicles
- ✓ In urban locations where loose chippings are unpopular with residents
- ✓ On stress areas within sites where chipping loss could occur due to site characteristics
- ✓ Where natural conditions such as shade could effect the dressing

Benefits of LockChip

- ✓ Low unit cost
- ✓ Low CO² emissions
- ✓ Fast simple application using conventional Spray Tanker
- ✓ Road open for use in 1 hour (subject to weather conditions)
- ✓ Extends life of dressing