

# *Maintenance and repair*

## General

A mastic asphalt system will be expected to provide many years of trouble-free service. However, general vehicle deck maintenance is essential to obtain the maximum performance and ensure the longest life expectancy for the waterproof surfacing system.

## Routine inspections

The System should be inspected twice yearly, preferably in the spring and autumn, and/or after extreme weather conditions. Inspections should be carried out generally in accordance with BS 6229, with particular attention to the following items:

- It is important to check that rainwater outlets are functioning and that gratings are not blocked. Remove debris from the outlets but do not flush silt or dead leaves down outlets.
- Note the general condition of the exposed System and report any signs of stressing, creasing/ruckling or damaged areas immediately. Being a thermoplastic material, Mastic Asphalt Paving may be liable to surface marking under vehicle loading during periods of high ambient temperatures, especially in the early stages of its serviceable life. This should not be regarded as a defect and will not affect the long term waterproofing and wearing properties of the system.
- Check perimeter details and upstands, ensuring that any metal cappings, flashings, edge trims and mortar pointing to chase details are secure. Check the condition of the Mastic Asphalt Paving Wearing Course Bay Joints. The Open Bay Joints will not normally affect the integrity of the underlying Mastic Asphalt Waterproofing. However, it is recommended that any open joints are effectively repaired as part of the vehicle deck maintenance programme.
- Check upstand flashings to plant support legs/upstands.
- Check upstands and flashings to pipe penetrations.
- Examine all mastic seals and repair/replace as necessary.
- Check the condition of any solar reflective paint or proprietary coating. It should be noted that a re-coating programme will be required in accordance with the manufacturer's instructions.
- Check nosings to expansion joints ensuring all fixings are secure

