

REINSTATEMENT - BLACKTOP



METHOD OF WORK

Ensure a Risk Assessment is carried out and control measures put in place.

1. The work area must be secured using pedestrian barriers before works commencing and in compliance with NRSWA.
2. Park works vehicles in a safe location within the work area.
3. All works must be completed following the HAUC specification.
4. Check reinstatement area to confirm all cutbacks are complete and permitted tolerances from existing reinstatements and street furniture.
5. Always take care when working with or handling hot materials.
6. Check materials are correct and match existing surfaces, and suitable controls are in place to prevent loss of temperature with hot material.
7. Warning, laying blacktop material with a temperature lower than specification increases handling effort and will result in a distressed finish and affect material bonding.
8. When using wheelbarrows to transfer materials on site, do not overload and adopt good manual handling techniques.

Base Course

1. Apply edge sealant to the edges of the reinstatement.
2. Position Hotbox / Delivery vehicle to avoid exposure to live traffic.
3. Base course to be of a suitable material and binder equivalence, place into the opening, level with a rake and compacted as follows:
 - o 40mm layers, 5 compaction passes on each layer with a 50kg plate.
 - o 60mm layers, 7 compaction passes on each layer with a 50kg plate.
 - o 80mm layers, 9 compaction passes on each layer with a 50kg plate.
 - o 100mm layers, 12 compaction passes on each layer with a 50kg plate.
4. Place the base course into the opening in suitable layer thickness until the total compacted base course thickness meets the requirements or to match the original reinstatement if this is superior.

Wearing Course

1. Apply edge sealant to the edges of the reinstatement.
2. Apply a tack coat to the top surface of the base course, unless the base course is newly laid.
3. Place the wearing course in layers as per Base Course, until the wearing course meets the top of the opening.
4. When compacting wearing course, avoid distress (fine surface tears).
5. Wearing course must be finished off level to match the original surface, with no trips, crowning, surface depressions or cracking.
6. Where special surfaces are present, i.e. skid-resistant near traffic lights. These must be re-applied to match the original surface.
Remember: Always reinstate road markings to match the original, lines, arrows, special markings.



HAZARD IDENTIFICATION

- Public / Live Traffic
- Slips, Trips, Falls
- Hot Works / Burns
- Manual Handling
- Noise
- Dust
- HAVS



PLANT, EQUIPMENT, MATERIALS

- Hotbox / Insulated Tipper
- Support Vehicles
- Tool Heater
- Bitumen Boiler (where applicable)
- Hand Tools / Wheel Barrows
- Edge Sealant / Bituminous Material
- Whacker / Vibration Plate / Tamper



EMERGENCY ARRANGEMENTS

- Ensure you are familiar with the point of work emergency arrangements
- All work vehicles to carry First Aid Kit and Fire Extinguisher.
- Check and confirm emergency stop functions operate



ENVIRONMENTAL

- Ensure engine is switched off when plant is not in use.
- Only refuel in designated safe areas.
- Spill Kit to be available on site.
- Always remove waste materials from site.
- Only clean tools using approved cleaning agent. (i.e. Bitukleen)



PPE REQUIREMENTS

PPE items shown below must be available and worn during this task.



COSHH

Refer to COSHH Assessments for further information

Asphalt		Bitukleen	
Petrol & Diesel			
Base Primer			
Bituminous Materials			