

Site work

Work planning

The mastic asphalt tanking work should not be started until all constructional operations and preparatory work to the basement have been completed. In no circumstances should the area to be tanked be used for storage of any materials, equipment or plant until the asphalt tanking is completed and the loading slab and loading walls have fully set and hardened.

At no time should oils or aggressive solvents be stored or used in a tanked area unless provision for a suitably resistant lining has been made.

Preparatory site work prior to asphaltting

The main contractor should ensure, where appropriate, that:

- a). The base has been properly laid to the specified levels, tolerances and finish; the equivalent of wood float finish being required on horizontal concrete screeds or slabs
- b). All chases have been properly cut
- c). Dry working conditions have been provided by pumping etc.
- d). Vertical surfaces have been correctly prepared
- e). Any oil, grease, paint or other contamination has been removed from all surfaces to be asphalted to the satisfaction of the mastic asphalt contractor.

Achieving the required quality of work

In order to achieve the required quality of work, steps should be taken to ensure that:

- a). Design and specification decisions are taken, recorded and transmitted by the designer
- b). The design intentions are understood and achievable in the given circumstances
- c). The work is regularly monitored to assure conformance.

Documentation and preparation

Full documentation should be prepared as described. There should be a full exchange of information before the work begins on site. Any queries should be resolved before the work begins. Clear instruction on all aspects of the work involved should be given to personnel.

Before work begins all necessary scaffolding should be in position together with sufficient hoisting facilities and measures appropriate for the protection of personnel and the public. It is particularly important that roofs be provided with safety rails and all openings adequately protected.

The base should be in an adequate condition to receive the mastic asphalt and all necessary builder's work should have been completed. Equipment should be sited as close as is practicable to the area being worked.

Receiving and checking materials

Materials should be checked upon arrival on site to ensure that:

- a). They are correctly marked and/or, where applicable, are in the manufacturer's original wrappers
- b). They conform to the specification
- c). They are sufficient for the work.

Goods not meeting requirements should be removed from site.