

Table 4

Classification of surface regularity for mastic asphalt floorings and underlays

Class	Maximum permissible departure from a 3m straightedge laid in contact with the floor	Application	Mastic Asphalt Grade
SR1	3mm	High standard floors Special floors	Grades I and II
SR2	5mm	Normal standard floors	Grades I, II and III
SR3	10mm	Utility standard floors Other floors, the surface regularity of which is not critical	Grades III and IV and paving grade

(Extract from BS 8204: part 5: 1994 Table 3)

MASTIC ASPHALT UNDERLAY TO OTHER FLOOR FINISHES

Where mastic asphalt is to be used as an underlay it should be laid to the surface regularity selected by the specifier.

The surface finish of the mastic asphalt underlay should be as specified by the manufacturer of the flooring to be applied.

Site work

WORK PLANNING

Where mastic asphalt waterproofing is to be overlaid with mastic asphalt flooring the work should be arranged so that the overlaying is undertaken as a continuous operation and precautions should be taken to prevent contamination of the surface of the waterproofing prior to laying the flooring.

PREPARATORY SITE WORK PRIOR TO ASPHALTING

Before commencing laying the mastic asphalt flooring, the following should be checked:

- The base has been properly laid to the specified falls (where required), tolerances and finishes, the equivalent of a wood float finish being required on horizontal concrete screeds or slab
- All chases have been properly cut
- All outlets have been installed, fixed and located at the correct height relative to the base
- Vertical surfaces have been properly prepared
- Movement joints have been correctly installed

FLOORING

flooring

ACHIEVING 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.

The deck should be in an adequate condition to receive the mastic asphalt and all necessary builder's work should have been completed.

Only sufficient materials for the day's requirements should be taken out of store and placed convenient to the area being worked. They should only be unwrapped immediately prior to use and all wrapping materials should be disposed of carefully.

Equipment should be sited as close as is practicable to the area being worked.

RECEIVING AND CHECKING MATERIALS

Roofing materials should be checked upon arrival on site to ensure that they:

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

Goods that do not meet requirements should be removed from site.

Workmanship

RE MELTING

Strict temperature control should be maintained throughout the remelting process. Generally, the temperature of the mastic asphalt should not exceed 240 degrees centigrade.

Remelting should be carried out in mechanically agitated mixers, and cauldrons should only be used in exceptional circumstances, governed by site conditions and the areas of mastic asphalt to be laid.