



- (m) preparing surfaces at gullies and the like;
- (n) masking and other measures to protect adjacent untreated areas;
- (o) complying with any special requirements in respect of ambient conditions and for intervals between successive operations and applications.

**Surface Impregnation of Concrete**

Units

- 5** The unit of measurement shall be:
- (i) surface impregnation of concrete ..... square metre.
  - (ii) Surface impregnation and coatings of concrete .....square metre

Measurement

**6** The measurement shall be the area of the surface to be impregnated of any width or at any inclination. No deduction shall be made for openings of 1 square metre or less. For plain surfaces the measurement shall be the area over the face of individual fillets, chamfers, splays, drips, rebates, recesses, grooves and the like of 100mm total girth or less when measured overall the faces of the concrete. For patterned surfaces the measurement shall be the flat undeveloped area and measured over the face of individual fillets, chamfers, splays, drips, rebates, recesses, grooves and the like, not forming part of the pattern and of 100 mm total girth or less when measured overall the faces in contact with the concrete. Surfaces shall be measured once only, irrespective of the number of applications specified in the treatment.

Itemisation

**7** Separate items shall be provided for surface impregnation of concrete in accordance with Chapter II paragraphs 3 and 4 and the following:

Group	Feature
I	1 Surface impregnation.
	2 Surface impregnation and coatings of concrete
II	1 Patterned surfaces.
	2 Plain surfaces.
III	1 Different types of systems.

**Surface Impregnation of Concrete and surface Impregnation and coatings of Concrete**

**8** The items for surface impregnation of concrete shall in accordance with the Preambles to Bill of Quantities General Directions include for:

Item coverage

- (a) preparing, cleaning and drying;
- (b) protection from precipitation and spray;
- (c) masking and other measures to protect adjacent untreated materials;
- (d) disposal of material (as Series 600 paragraph 39);
- (e) facilities and assistance for the Overseeing Organisation’s inspection;
- (f) complying with any special requirements in respect of ambient conditions and for intervals between successive operations and

applications;

- (g) preparation and supply of data sheets;
- (h) trial control panels;
- (i) removal of graffiti.
- (j) obtaining the correct dry film thickness of coatings
- (k) complying fully with the manufacturer's recommendations

**Removal of Existing Waterproofing**

Units

**9** The unit of measurement shall be:

- (i) removal of existing waterproofing .....square metre

Measurement

**10** The measurement of removal of existing waterproofing shall be the area of surface covered by the existing waterproofing.

No deduction shall be made for openings of 1 square metre or less.

Itemisation

**11** Separate items shall be provided for removal of existing waterproofing in accordance with Chapter II paragraphs 3 and 4 and the following:

Group Feature		
I	1	Removal of existing waterproofing.
II	1	More than 300mm wide horizontal or at any inclination up to and including 30o to the horizontal.
	2	More than 300mm wide at any inclination more than 30o up to and including 90o to the horizontal.
	3	300mm wide or less at any inclination.
	4	Domed.

**Removal of Existing Waterproofing**

**12** The items for removal of existing waterproofing shall in accordance with the Preamble to Bill of Quantities General Directions include for:

Item coverage

- (a) marking out the areas of waterproofing to be removed;
- (b) removal of protective layer;
- (c) removal of primer;
- (d) preparation of existing surfaces to receive new waterproofing;
- (e) disposal of materials (as Series 600 paragraph 39);
- (f) trials and approval tests;

- (g) measures to prevent damage to existing surfaces;