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ARAB ENGINEERING BUREAU

13 OTHER FLOOR COVERINGS

13.1 GENERAL

13.1.1 Scope

- 1 This Part specifies the requirements for floor coverings not dealt with elsewhere.
- 2 Related Parts and Sections are as follows:

This Section

Part 1 General
Part 9 Floor Screeds and Treatments
Part 12 Carpeting

Section 5 Concrete
Section 18 Carpentry, Joinery and Ironmongery

13.1.2 References

- 1 The following Standards are referred to in this Section:
 - BS 2592.....Specification for thermoplastic flooring tiles; (ISO 10581 Resilient floor coverings — Homogeneous poly(vinyl chloride) floor covering — Specifications)
 - BS 3260.....Specification for semi-flexible PVC floor tiles; (ISO 10595 Resilient floor coverings - Semi-flexible/vinyl composition (VCT) poly(vinyl chloride) floor tiles - Specification)
 - BS 3261.....Unbacked flexible PVC flooring
 - BS 3261-1Specification for unbacked flexible PVC flooring - Homogeneous flooring; (ISO 10581 Resilient floor coverings - Homogeneous poly(vinyl chloride) floor covering - Specifications)
 - BS 3416.....Specification for bitumen-based coatings for cold application, suitable for use in contact with potable water.
 - BS 8000.....Workmanship on construction sites
 - BS 8000-11Workmanship on building sites - Internal and external wall and floor tiling. Ceramic and agglomerated stone tiles, natural stone and terrazzo tiles and slabs, and mosaics. Code of practice.
 - BS 8203.....Code of practice for installation of resilient floor coverings

13.2 FLEXIBLE FLOORING

13.2.1 Flexible Sheet and Tile Flooring

- 1 Unbacked PVC sheet flooring and homogeneous flooring to comply with BS 3261, Part 1, Type "A".
- 2 Thermoplastic floor tiles shall comply with the relevant provisions of BS 2592.
- 3 Semi-flexible PVC (Vinyl) floor tiles to comply with the relevant provisions of BS 3260.
- 4 Adhesives used for fixing PVC, thermoplastic or similar material in sheet or tile form are to be as recommended for the purpose by the manufacturer.

- 5 Cork tiles shall comply with the relevant provisions of BS 8203.

13.2.2 Laying Flexible Sheet and Tile Flooring

- 1 Laying of flexible sheet or tile flooring shall be carried out in accordance with the relevant provisions of BS 8203 and BS 8000, Part 11.
- 2 Floor screed is to be laid in accordance with Part 9 except that the requirement for laying in bays will not apply.
- 3 The subfloor is to be smooth, hard, clean and dry before laying commences. All minor irregularities, cracks and hollows are to receive a skim coat of proprietary levelling compound as necessary to give a fine, true surface suitable to receive the flooring.
- 4 The Engineer may require all of the subfloor to be treated with levelling compound if, in his opinion, the quality of the surface is unsuitable.
- 5 The flooring is to be laid with an adhesive that will be spread evenly over the subfloor with a trowel recommended by the adhesive manufacturer. Trowel ridges and high spots on the subfloor will not be accepted.
- 6 Flexible PVC flooring, and other materials where the manufacturer so recommends, is to be thoroughly rolled in two directions with a 70 kg/m² weight applied floor roller.
- 7 Tiles are to be laid with tight joints and with sides parallel to the room axis.
- 8 Joints in sheet flooring are to be seam welded.

13.3 BITUMEN COATING SOLUTION

13.3.1 General

- 1 Bitumen coating solution shall comply with BS 3416, Type 1.

END OF PART