

SECTION 06

ANTI STATIC LINOLEUM SHEET FLOORING

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

Extent of Work: The extent of non-slip antistatic, choc absorbable, homogeneous floor covering linoleum made primarily of natural ingredients that include linseed oil, rosin binders, wood flour, limestone and dry pigments, antibacterial Linoleum sheet flooring, works is shown on the drawings and in schedules.

1.02 QUALITY ASSURANCE

- A. Manufacturers: Provide Non-Slip Antistatic linoleum sheet flooring or tiles (60*60 cm) (3 mm thickness), as produced by a single manufacturer including recommended primers, adhesive and edging strips, as required.
- B. Job conditions: Install sheets after other finishing operations, including painting, have been completed. Moisture content of substrate, air temperature and relative humidity shall be within limits recommended by tile manufacturer.

1.03 SUBMITTALS

- A. Product Data: Submit Manufacturer's technical information and installation instructions for non-slip antistatic sheet required.
- B. Samples: submit three samples for sheets and base from three manufacturers. The Engineer will review samples for fabrication, color, texture and compliance with all other requirements and give approval accordingly.
- C. Maintenance Instructions: Submit manufacturers written instructions for recommended maintenance practices.

1.04 PRODUCT DELIVERY, STORAGE AND HANDLING

Deliver materials to the project site in the manufacturer's original unopened containers, clearly marked to indicate pattern, gage, lot number and sequence of manufacturer, carefully handle all materials and store in covered sheds in original, containers and stack all boxes of each pattern and color in sequence as numbered by the factory

PART 2 PRODUCTS

2.01 ANTI STATIC SYSTEM

Non-slip antistatic Linoleum made predominantly from renewable resources, not emit dangerous VOCs, Linoleum is naturally anti-bacterial because of the continuous oxidation of the linseed oil, technical specifications according to the ASTM F-2034-08, ASTM F2195, fire testing according to ASTM E648, chemical resistance.

2.02 LINOLEUM SKIRTING

Skirting shall be of coved skirting flooring sheet type, compatible with flooring, with coved corners using coved former backing, capping strip and with cold welded joints.

Where indicated on drawings and or when directed by the Engineer a Copper strip grid shall be provided under the anti static flooring and earthed appropriately. Copper strips shall be 2.5mm wide x 6/100mm thick and shall be laid on a high performance acrylic adhesive or an adhesive recommended by the manufacturer of the vinyl sheets to the approval of the Engineer.

The contractor shall submit samples of the material with catalogues along with detailed shop drawings to the approval of the Engineer before placing orders or commencing any work both for the tiling and the copper grid system.

PART 3 - EXECUTION

3.01 INSPECTION

The Contractor shall examine the substrates and the conditions under which the vinyl sheeting work shall be carried out and correct any unsatisfactory conditions. Do not proceed with the work until unsatisfactory Conditions have been corrected in a manner acceptable to the Engineer.

3.02 PREPARATION

- A. Sub floors: Prior to starting the laying of the sheets, broom clean or vacuum all surfaces to be covered and inspect the sub floor. Use leveling compound as recommended by sheet manufacturer for filling small ricks and depressions as required. Ensure that sub floor is sufficiently cured; dry and ready to receive tile installation.

3.02 INSTALLATION

- A. Linoleum Sheet:
 - 1. General: Place sheet unit adhesive in strict compliance with the manufacturer's recommendations.

2. Sheets should be installed in accordance with the British standard 8203:1987.
3. Particular attention must be given to correct seam welding.

- B. Linoleum Base: The linoleum base shall be covered from the flooring sheet and shall be applied to walls, columns, pilasters, casework and other permanent fixtures in rooms or areas where base is required. Install base in length as long as practicable. Skirting should be covered using cove former backing and capping strips. Do not stretch base material during installation.

Provide preformed corner units of the same material as that of the base.

At masonry surfaces or other similar irregular surfaces fill voids with manufacturer's recommended adhesive filler material.

- C. Adhesive and primer should be VOC-free, polishing and waxing shall be completed by the Contractor to the approval of the Engineer before allowing for traffic passage over the flooring.

3.04 CLEANING AND PROTECTION

- A. Cleaning: Remove excess adhesive or other surface blemishes from tile and base using neutral type cleaners as recommended by the tile manufacturer. Protect installed flooring from damage by use of heavy building paper or other covering.

****END OF SECTION 09666****