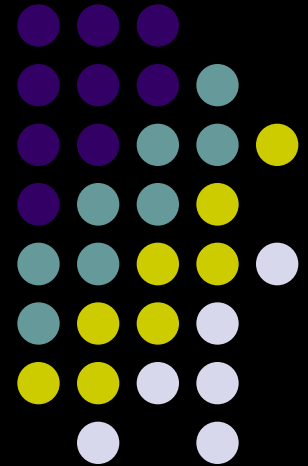


ACOUSTICS IN 'HOSPITALS'



- Subject: Building Services – III
- Topic: Acoustics In Hospitals
- Presented by: Ar. Kavita Nagpal



EXTERIOR FINISHES

● **Wall materials**

- Brick masonry
- Stone masonry
- Wood siding
- Vinyl siding
- Metal siding
- Pre-engineered metal building panels
- Combination of above materials

● **Soffit, fascia, and trim**

- Wood
- Vinyl
- Metal
- Pre-engineered metal building systems

● **Walks**

- Concrete with light broom finish

● **Roofing**

- Fiberglass composition shingles
- Metal standing seam
- Ethylene propylene diene monomer (EPDM) single-ply roof system
- Pre-engineered metal roof panels, Clay tile, Fire-retardant wood shingles

● **Drives**

- Concrete or asphalt paving



INTERIOR FINISHES

● **Entry floors**

- Quarry tile (traction surface) with epoxy grout
- Sheet vinyl (minimum .080 gauge)
- Ceramic tile (traction surface) with epoxy grout

● **Entry base**

- Quarry tile (traction surface) with epoxy grout
- Rubber base
- Ceramic tile (traction surface) with epoxy grout
- Cove sheet vinyl base

● **Entry walls**

- Gypsum board with painted surface
- Gypsum board with Type II vinyl wall covering

● **Entry ceiling**

- Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)

● **Receptionist floor**

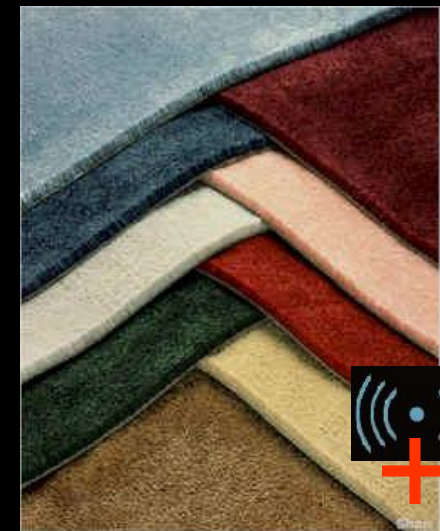
- Sheet vinyl (minimum .080 gauge)
- Carpet

● **Receptionist base**

- Rubber base

● **Receptionist walls**

- Gypsum board with painted surface
- Gypsum board with Type II vinyl wall covering



- **Receptionist ceilings**

- Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)

- **Waiting floor**

- Quarry tile (traction surface) with epoxy grout
- Sheet vinyl (minimum .080 gauge)
- Ceramic tile (traction surface) with epoxy grout

- **Waiting base**

- Quarry tile
- Rubber base
- Ceramic tile
- Cove sheet vinyl base

- **Waiting walls**

- Gypsum board with painted surface
- Gypsum board with Type II vinyl wall covering

- **Waiting ceiling**

- Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)

- **Exam room floor**

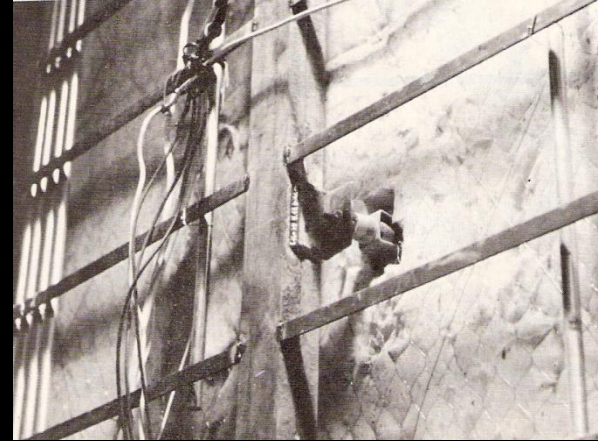
- Quarry tile (traction surface) with epoxy grout
- Sheet vinyl (minimum .080 gauge)
- Ceramic tile (traction surface) with epoxy grout

- **Exam room base**

- Quarry/Ceramic tile
- Rubber base
- Cove sheet vinyl base



- **Exam room walls**
 - Gypsum board with painted surface
 - Gypsum board with Type II vinyl wall covering
- **Exam room ceiling**
 - Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)
- **Pharmacy and lab floor**
 - Sheet vinyl (minimum .080 gauge)
 - Carpet
- **Pharmacy and lab base**
 - Rubber base
- **Pharmacy and lab walls**
 - Gypsum board with painted surface
- **Pharmacy and lab ceiling**
 - Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)
- **Treatment room floor**
 - Sheet vinyl (minimum .080 gauge)
- **Treatment room base**
 - Rubber base
- **Treatment room walls**
 - Gypsum board with painted surface
- **Treatment room ceiling**
 - Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)



- **Pack/scrub floor**
 - Sheet vinyl (minimum .080 gauge)
- **Pack/scrub base**
 - Rubber base
- **Surgery floor**
 - Sheet vinyl (minimum .080 gauge)
- **Surgery base**
 - Rubber base, Cove sheet vinyl base
- **Surgery walls**
 - Gypsum board with epoxy painted surface
- **Surgery ceiling**
 - Gypsum board with epoxy painted surface
 - Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)
- **Radiology floor**
 - Sheet vinyl (minimum .080 gauge)
- **Radiology walls**
 - Gypsum board with painted surface , Radiology ceiling Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)
- **Ward/bathing floor**
 - Sheet vinyl (minimum .080 gauge) with central floor drain
- **Ward/bathing base**
 - Rubber base
- **Ward/bathing walls**
 - Concrete block with epoxy painted surface



Ward/bathing ceiling

- Lay-in type acoustical ceiling system (3/4" acoustical panels and aluminum grid) with 6" sound attenuation batts plus thermal insulation batts.

Storage floor

- Sheet vinyl (minimum .080 gauge)

Storage base

Storage walls

- Gypsum board with painted surface

Storage ceiling

Staff/lounge floor

- Sheet vinyl (minimum .080 gauge)

Staff/lounge base

- Rubber base

Staff/lounge ceiling

- Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)

Staff/lounge walls

- Gypsum board with painted surface
- Gypsum board with Type I vinyl wall covering



Doctor's/business office floor

- Sheet vinyl (minimum .080 gauge)
- Carpet

Doctor's/business office walls

- Gypsum board with painted surface
- Gypsum board with Type I vinyl wall covering

Doctor's/business office ceiling

- Lay-in type acoustical ceiling system (5/8" acoustical panels and steel grid)

