DIVISION 7

THERMAL AND MOISTURE PROTECTION

This Article on Codes, Regulation and Standards shall apply to all Divisions of the Building Standards
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For foundation walls, provide waterproofing system capable of withstanding a hydrostatic head for the depth of the foundation and provide a minimum 6-inch perimeter drain tile.

Provide water dams at all critical foundation joints.

Waterproofing for plaza decks should be a hot applied fluid system.

Provide damp-proofing on the exterior surface of concrete foundation walls in contact with earth, when subsoil or subsurface moisture does not impose hydrostatic pressure at the damp-proofing plane, unless the inside space is unexcavated.

Provide waterproofing and subsurface drainage of walls & below grade slabs when a basement is established below the normal groundwater level.

Provide membrane waterproofing for the entire floor in toilet, shower rooms, and on floor slabs subject to hosing down with water where leakage would cause damage in rooms below.

Line cast-in-place base of individual showers with a membrane type shower pan.

Waterproof side walls of shower stalls to a minimum height of about 7 feet.

END OF SECTION 07 10 00
• EIFS Systems are not allowed

END OF SECTION 07 24 13

SECTION 07 24 16 - POLYMER-MODIFIED EXTERIOR INSULATION AND FINISH SYSTEMS

• EIFS Systems are not allowed

END OF SECTION 07 24 16

SECTION 07 50 00 - MEMBRANE ROOFING

• Two-ply modified system with white granules on a FR cap sheet. The insulation shall be minimum R-21, and shall be tapered insulation. Contractor shall provide a 20 year No Dollar Limit warranty.

• Use materials with high solar reflectance index (SRI). For specific ratio see LEED v.3, sustainable sites, Credit 7.2: Heat Island Effect-Roof. Where feasible install vegetated roof.

• Factory mutual I90 requirements shall be met.

• All roof penetrations shall be spaced a minimum of 36 inches from each other.

• All curbs shall be a minimum of 16 inches above the roof deck.

• Roof mounted HVAC equipment shall be a minimum of 36 inches above the membrane surface (i.e., ductwork).

END OF SECTION 07 50 00
This section of the Building Standards establishes minimum requirements only. It should not be used as a complete specification.