



**Office of Capital Planning  
and Project Management**

**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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**SECTION 07 10 00 - DAMP-PROOFING AND WATERPROOFING**

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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**

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**SECTION 07 21 00 - THERMAL INSULATION**

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**THERE ARE NO UNIQUE UNIVERSITY STANDARDS FOR THIS SECTION.**

**END OF SECTION 07 20 00**

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**SECTION 07 24 13 - POLYMER-BASED EXTERIOR INSULATION  
AND FINISH SYSTEMS**

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- EIFS Systems are not allowed

**END OF SECTION 07 24 13**

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

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- EIFS Systems are not allowed

**END OF SECTION 07 24 16**

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**SECTION 07 50 00 - MEMBRANE ROOFING**

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- 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