

Preliminary Waterproofing Selection Guide - Los Angeles Chapter, Construction Specifications Institute

Legend / Locations of Use (keyed to drawing)		Waterproofing Types, MasterFormat 2020 Edition														
R	Recommended: Published recommendation in at least one manufacturer's literature.	03 64 00 Injection Grouting	07 13 26 Self-adhering Sheet Membrane Waterproofing (Pre-applied)	07 13 26 Self-Adhering Sheet Waterproofing	07 13 52 Modified Bituminous Sheet Waterproofing	07 13 54 Thermoplastic Sheet Waterproofing	07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing	07 14 16 Cold Fluid Applied Waterproofing (with Sheet Membrane)	07 14 16 Cold Fluid-Applied Waterproofing	07 16 13 Polymer Modified Cement Waterproofing	07 16 16 Crystalline Waterproofing	07 17 13 Bentonite Geotextile Panel Waterproofing	07 17 16 Bentonite Composite Sheet Waterproofing	07 18 13 Pedestrian Traffic Coatings	07 18 16 Vehicular Traffic Coatings	07 26 16 Below Grade Vapor Retarder
Q	Qualified: Not commonly recommended, may be acceptable depending on project conditions and desired performance. Consult with manufacturer and waterproofing specialists to confirm acceptable use.															
X	Unacceptable: Not recommended by manufacturers.															
Concrete, Shotcrete and Concrete Masonry Unit (CMU) Substrates																
1a	Balcony - Split Slab	X	X	R	R	Q	R	Q	R	X	X	X	R	X	Q	X
1b	Balcony - Traffic Bearing Coating	X	X	X	X	X	X	X	X	R	X	X	X	R	R	X
1c	Balcony - Thinset Tile	X	X	X	X	X	X	X	X	Q	X	X	X	Q	R	X
2a	Elevated Walkway - Split Slab	X	X	R	R	Q	R	Q	R	X	X	X	R	X	Q	X
2b	Elevated Walkway - Traffic Bearing Coating	X	X	X	X	X	X	X	X	R	X	X	X	R	R	X
3	Pedestal Pavers - On Concrete Deck	X	X	R	R	Q	R	X	R	X	X	X	R	Q	R	X
4	Planter	X	X	R	R	Q	R	X	R	X	X	X	R	X	Q	X
5	Plaza - Concrete Paving	X	X	R	R	Q	R	Q	R	X	X	X	R	X	Q	X
6	Pool - Primary Waterproofing	X	X	X	X	X	R	X	Q	X	X	X	Q	X	X	X
7	Underslab Vapor Barrier - Non-Hydrostatic	X	R	X	X	X	X	R	X	X	X	X	X	X	X	R
8	Mat Foundation - Hydrostatic	X	R	X	X	X	X	R	X	X	X	X	R	X	X	X
9a	Elevator Pit - Non-Hydrostatic	X	R	R	R	X	Q	R	R	X	Q	R	R	X	X	X
9b	Elevator Pit - Hydrostatic	X	R	Q	Q	X	X	R	Q	X	X	X	R	X	X	X
10	Sump Pit	X	X	X	X	Q	X	X	R	Q	Q	X	X	X	Q	X
11	Spread Footing - Non-Hydrostatic, Backfilled	X	Q	R	R	X	Q	R	Q	X	X	R	R	X	Q	X
12	Backfilled Wall - Non-Hydrostatic (Drained)	X	X	R	R	Q	Q	R	R	X	X	R	R	X	Q	X
13	Fire-Water Tank	X	X	X	X	Q	X	X	R	X	X	X	X	X	Q	X
14a	Shored, Blind-Side Wall - Hydrostatic (Cast in Place Concrete)	X	R	X	X	X	X	R	X	X	X	X	R	X	X	X
14b	Shored, Blind-Side Wall - Non-Hydrostatic (Cast in Place Concrete)	X	R	X	R	Q	X	R	X	X	X	R	R	X	X	X
15a	Shored, Blind-Side Wall - Hydrostatic (Shotcrete)	X	Q	X	Q	Q	X	Q	X	X	X	Q	R	X	X	X
15b	Shored, Blind-Side Wall - Non-Hydrostatic (Shotcrete)	X	Q	X	Q	Q	X	R	X	X	X	R	R	X	X	X
16	Negative Side - Supplemental or Remedial	R	X	X	X	X	X	X	X	Q	R	X	X	X	X	X
17	Vegetative Roof	X	X	Q	Q	Q	R	Q	Q	X	X	X	R	X	X	X
Wood Framing and Decking Substrates (Above-Grade Only) (*These applications not shown in building diagram)																
A	Balcony or Walkway - Concrete Paving	X	X	R	R	X	R	R	R	X	X	X	Q	X	Q	X
B	Balcony or Walkway - Traffic Bearing Coating	X	X	X	X	X	X	X	X	R	X	X	X	R	R	X
C	Pedestal Pavers	X	X	R	R	Q	R	X	R	X	X	X	X	X	X	X
D	Vegetative Roof	X	X	Q	Q	Q	R	X	R	X	X	X	X	X	X	X

Ratings are generalized in nature. Qualified design or construction professionals must determine products to be used for specific projects and applications. Copyright 2021, Los Angeles Chapter - Construction Specifications Institute, www.lacsi.org. Issued 2021-01