



Reference Standards Summary

Water-Resistive Barrier Code Summary

One Coat Stucco		
Wood Sheathing (Plywood, OSB)		Other Sheathings
Layer of EPS or XPS	No EPS or XPS	
1 layer Grade D paper with 60 minute water resistance	2 layers Grade D paper with 10 minute water resistance	1 layer Grade D paper with 60 minute water resistance

Reference: ICC Evaluation Service Acceptance Criteria 11

ICC Evaluation Service Evaluation Report No. 5129

Three Coat Stucco		
Building Code	Wood Sheathing (Plywood, OSB)	Other Sheathings
IBC 2003	Vapor-permeable barrier with a performance at least equivalent to 2 layers Grade D paper	1 layer No. 15 Asphalt Felt per ASTM D 226 Type 1 (11.5 lb./100 sq.ft.)
IRC 2003	1 layer 14 lb./100 sq.ft. asphalt felt complying with ASTM D 226 or other approved weather resistant material	
UBC 1997	2 layers Grade D paper with 10 minute water resistance	1 layer Grade D paper with 10 minute water resistance

Alternatives to the code-prescribed weather-resistant barriers can be found in the applicable sections of the IBC, IRC and UBC. Alternatives include the use of asphalt paper and synthetics, such as Tyvek® and Typar®, in place of asphalt felt and/or Kraft building paper.

Reference Standards Overview

Model Building Code Standards for Portland Cement Plaster and Related Materials					
Code	Portland Cement Plaster	Aggregate	Lath	Lath Installation	Surface Bonding Agents
International Residential Code (IRC) 2003	Chapter 7 Tables R702.1 (1) and (3)	ASTM C 897	ASTM C 847 C 933 C 1032	ASTM C 1063	[none]
International Building Code (IBC) 2003	Chapter 25 and ASTM C 926	ASTM C 897	ASTM C 847 C 933 C 1032	ASTM C 1063	ASTM C 932
BOCA National Building Code 1999	ASTM C 926	ASTM C 897	ASTM C 847 C 933 C 1032	ASTM C 1063	ASTM C 932
Standard Building Code 1997	ASTM C 926	[ASTM C 897 by reference to C 926]	ASTM C 847 [C 933 and C 1032 by reference to C 926]	ASTM C 1063	[ASTM C 932 by reference to C 926]
Uniform Building Code (UBC) 1997	Chapter 25 Section 2508 Table 25-F	ASTM C 144 C 897	UBC Section 2502 (24) *	UBC Section 2506.5	MIL SPEC MIL -B- 19253 (DOCKS)
CABO One and Two Family Dwelling Code 1995	Table 702.1 a and c	ASTM C 897	ASTM C 897 C 933 C 1032	ASTM C 1063	ASTM [none]

* ANSI A42.4-1955 and Specification 2.6.73 of the California Lathing & Plastering Contractors Association Military Specification MIL-B-19253 (DOCKS), Plaster Bonding Agents Referenced Standards

ASTM C 847-95 (2000)

Specification for Metal Lath

ASTM C 897-00

Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters

ASTM C 926-98a

Specification for Application of Portland Cement-Based Plaster

ASTM C 932-98a

Specification for Surface-Applied Bonding Agents for Exterior Plastering

ASTM C 933-96a (2004)

Specification for Welded Wire Lath

ASTM C 1032-96 (2002)

Specification for Woven Wire Plaster Base

ASTM C 1063-98

Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster

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