



TECHNICAL BULLETIN

Volume II, Issue # 4

January 21, 2008

Roof Covering - Year Installed

Every effort should be made to accurately determine the year the roof covering was installed as it will impact the potential insurance discounts or credits available to the homeowner.

Homeowners in Dade and Broward counties with homes built or roofs replaced after the 1994 South Florida Building Code went into effect on September 1, 1994 are potentially eligible for insurance discounts or credits.

In all other counties, roof covering must meet requirements of the 2001 Florida Building Code (FBC) which went into effect on March 1, 2002 in order to qualify for potential insurance credits or discounts.

A visual inspection of the roof material may provide the information you need, but in most cases, you will need to determine the year the home was constructed or review documentation provided by the homeowner.

It is important to note that some homes outside of Miami-Dade and Broward Counties may have roof coverings installed according to the 2001 (FBC) requirements prior to 2001. In these cases homeowners must provide documentation from the building contractor or roofing contractor certifying that the roof covering meets the 2001 Florida Building Code.

In some counties, the Property Appraiser's web site will have permit information which is up to date and reliable. To access a listing of available property appraiser websites, visit <http://www.propertyappraiser.com/>.

**TABLE R905.2.6.1
WIND RESISTANCE OF ASPHALT SHINGLES**

Maximum Basic Wind Speed MPH (per Figure R301.2(4))	Classification
100	ASTM D 3161 Class D or ASTM D 7158 Class G or TAS 107
110	ASTM D 3161 Class F or ASTM D 7158 Class G or TAS 107
120	ASTM D 3161 Class F or ASTM D 7158 Class G or TAS 107
130	ASTM D 3161 Class F or ASTM D 7158 Class H or TAS 107
140	ASTM D 3161 Class F or ASTM D 7158 Class H or TAS 107

**TABLE R905.4.4
METAL ROOF COVERINGS**

ROOF COVERING TYPE	STANDARD	APPLICATION RATE/THICKNESS
Aluminum	ASTM B 209	0.024 inch minimum thickness for roll-formed panels 0.019 inch minimum thickness for press-formed shingles.
Aluminum-zinc coated steel	ASTM A 792	0.013 inch minimum thickness, AZ 50 (coated minimum application rate)
Copper	ASTM B 370	16 oz/sq ft for metal-sheet roof-covering systems; 12 oz/sq ft for preformed metal shingle systems,
Galvanized steel	ASTM A 653	G-90 zinc-coated, 0.013-inch-thick minimum
Lead-coated copper	ASTM B 101	
Hard lead		2 lbs/sq ft
Soft lead		3 lbs/sq ft
Prepainted steel	ASTM A 755	0.013 inch minimum thickness
Terne (tin) and terne-coated stainless		Terne coating of 40 lbs per double base box, field painted where applicable in accordance with manufacturer's installation instructions.

**TABLE R905.9.2
BUILT-UP ROOFING MATERIAL STANDARDS**

MATERIAL STANDARD	STANDARD
Acrylic coatings used in roofing	ASTM D 6083
Aggregate surfacing	ASTM D 1863
Asphalt adhesive used in roofing	ASTM D 3747
Asphalt cements used in roofing	ASTM D 3019; D 2822; D 4586
Asphalt-coated glass fiber base sheet	ASTM D 4601
Asphalt coatings used in roofing	ASTM D 1227; D 2823; D 2824; D 4479
Asphalt glass felt	ASTM D 2178
Asphalt primer used in roofing	ASTM D 41
Asphalt-saturated and asphalt-coated organic felt base sheet	ASTM D 2626
Asphalt-saturated organic felt (perforated)	ASTM D 226
Asphalt used in roofing	ASTM D 312
Coal tar cements used in roofing	ASTM D 4022; D 5643
Coal-tar saturated organic felt	ASTM D 227
Coal-tar primer used in roofing, dampproofing and waterproofing	ASTM D 43
Coal-tar used in roofing	ASTM D 450, Types I or II
Glass mat, coal tar	ASTM D 4990
Glass mat, venting type	ASTM D 4897
Mineral-surfaced inorganic cap sheet	ASTM D 3909
Thermoplastic fabrics used in roofing	ASTM D 5665; D 572

R905.3.4 Clay tile.

Clay roof tile shall comply with ASTM C 1167.

R905.3.5 Concrete tile.

Concrete roof tile shall comply with ASTM C 1492.