

EXPEDITED RE-ROOF WORKSHEET – SFD only

)		"Like for Like" Replace	ement ONLY		
Address of Stru	<u>cture</u> :				Main House Accessory Structur
Existing Roof C	overing: Tile	Shingle	Metal	Flat	
Existing Dec	<u>ck</u> : Plywood Deck, V	Vood Plank, Other:			
Proposed Ty	/pe : Tile	Shingle	Metal	F	lat
_ ·	(Product approval				(Product approval)
Slope/1	2" Gable/ Hip	# of Squares):	Flat/Low S	Slope (Sq. Ft) *	*
Design Wind S	peed: <u>170Vult mph</u>	or per <u>www.ascehazardto</u>	ol.org		
Exposure Cate	gory: C INSTALLATI	ON Details:			
FRSA Mar	nual, and applicable	nstallation methods and Manufacturers' Specifica and Pages:	tions.		
UNDERLAYME	NT (Asphalt & Meta	Shingles, Non-Wood Sha	<u>ke</u> , <u>Metal Pane</u>	ls) choose U/L	per R905.1.1
	f-Adhered	<u>3 ¾" Wide Strip</u> ASTM 1970		2 Layers	
	ect to Deck) TM D8527	OR		ASTM A	
**NOT ar	Option for Wood	<u>AAMA 711</u>) Over all Joints/Sea	ams		
Shai	ke/Shingle**	(Per Table R905.1.1	1)	0	R
	f –Adhered	3 ¾" Wide Strip of sel		· ·	STM D226 Type II
	TM D1970) ner-Modified	flexible flashing tape per	AAMA /11		9 Type III, Type IV. o be lapped
	n Underlayment	Level 3 applied over a		Per FBC R905	.1.1.1 B1507.1.1
· · ·	tly to entire roof deck T (Clay/ Cement TILE)	- Attachment per:	Product Approval	FRSA 7 th Er	ngineers Design Attached
			L		
	<u>ent (Tile)</u> – Product / applicable) – Produ				
	ng - Product Approv	al / NOA			
		DESIGN CRITERIA	<u> </u>		
	uired wind pressure			/This must	t be >/= to above)
	(EXISTING Replacem	om proposed system ent ONLY) - Ridge Vents,			
Please post an of to inspection.	ficial copy of this con	npleted worksheet with all	other inspection	documents on t	he jobsite prior
	Product Appro	ovals listed above must be o	on job site during	; inspection	
standards regula		mation is accurate and all w ceptance of this form shall n			
QUALIFIER's Sigr	 nature	Print Name		CENSE #	DATE
			EK		2,

** Flat decks over 400 sf. must include enhance fastening details from a design professional.

PB-O-131/Attachment A - 1 of 1



SFD DETACHED REROOFING PERMIT CHECKLIST INTENDED FOR LICENSED ROOFING CONTRACTORS ONLY

THIS APPLICATION IS NOT TO BE USED FOR "NEW" CONSTRUCTION

THIS CHECKLIST MUST BE ATTACHED TO THE PERMIT APPLICATION (WITH ORIGINAL SIGNATURES) AND WITH ALL THE REQUIRED DOCUMENTATION AS NOTED BELOW,

Contractor must certify ALL the following statements apply by initialing each one:

_____This is a detached Single Family Dwelling (SFD) and/or a free-standing residential accessory structure.

_____This structure was constructed after January 1, 1987, or the structure(s) improved value is < \$300,000.

_____This project involves one or more <u>complete</u> roof *sections* (see Ch.2-Definitions, Florida Residential Code).

_____This is a '**like for like**' only replacement.

_____There are no additional skylights being installed.

_____There are no solar panels installed.

Note: If unable to certify **all** of the above statements as true, this will disqualify the use of this form. Please refer to PB-O-094 and follow the procedure.

If there is any rooftop equipment (existing systems) that must be removed/replaced, please select the applicable trade(s) and provide Sub-permit Applications.

Electrical Mechanical Plumbing

ADDITIONAL DOCUMENTS REQUIRED

- 1. Re-Roof Worksheet
- 2. Complete Product Approval Information Including Cover Pages
- 3. Product Approval with Specific System Descriptions circled (Identify page # on worksheet)
- 4. FRSA pages [if applicable to Tile product using Florida Product Approval (FL-)]
- 5. Roofing accessory product approvals and plan showing location (Ridge Vents, Turbines, Mech. stands, etc.)
- On flat roofs, a contractor may propose a worst case fastening of the perimeter (min. 4' from edge) Max 4" O.C. each way. Flat decks over 400 s.f. may be required to provide enhanced fastening details from a design professional to the inspector.
- 7. Other additional data may be required for the integrity of the roofing system to be determined.
- 8. A fee sub-permit application may be required for work outside the scope of this application.



DESIGN PRESSURES FOR UNDERLAYMENT AND RIDGE ATTACHMENT REQUIRED FOR CATEGORY II BUILDINGS HAVING A 3:12 AND GREATER PITCH PER ASCE 7-22 (psf)

ROOF EXPOSURE	ROOF ZONES	MEAN ROOF HEIGHT	170 DESIGN PRESSURE (psf)
	ALL	0-15	95.1
		20	95.1
		30	95.1
EXP B		40	100.5
		50	107.3
		60	112.7
	ALL	0-15	115.5
		20	122.3
EXP C		30	133.1
LAIC		40	141.3
		50	148.1
		60	153.5
	ALL	0-15	139.9
		20	146.7
		30	157.6
EXP D		40	165.7
		50	172.5
		60	177.9

Table	1-G
Gable	Roof

Table1-H Hip Roof

1			
ROOF EXPOSURE	ROOF ZONES	MEAN ROOF HEIGHT	170 DESIGN PRESSURE (psf)
	ALL	0-15	68.7
		20	68.7
EXP B		30	68.7
ЕХР В		40	72.6
		50	77.5
		60	81.4
		0-15	83.4
		20	88.3
	ALL	30	96.1
EXP C		40	102.0
		50	106.9
		60	110.9
	ALL	0-15	101.0
		20	106.0
		30	113.8
EXP D		40	119.7
		50	124.6
		60	128.5

Notes:

- 1. The pressures (psf) in the above table are indicative of the required design uplift pressure based upon less than 4.5: 12 for roof zone 3.
- 2. The roofing professional has the option to review and determine alternative methods that would reflect the full calculation options of ASCE 7-22 that might provide lower uplift resistance values in certain areas.
- 3. For actual uplift resistance values for Foam Adhesives or Mortar installations, please see the Adhesive manufacturer's formal product approvals for additional information.



TABLE 2 GC

Gable Roof – ASCE 7-22 Exposure C – Tile Factor = 1.407 ft³

Deef	Mean	Deef	170
Roof Slopes	Roof	Roof ones	Ma
	Height (ft.)		(ft-lbf)
	0-15	LP	39.3
		HP	48.8
	20	LP	41.6
		HP	51.7
	30	LP	45.3
Less than		HP	56.3
4.5:12	40	LP	48.1
	40	HP	59.8
	50	LP	50.4
	50	HP	62.6
	60	LP	52.2
	60	HP	64.9
	0.45	LP	37.2
	0-15	HP	42.5
		LP	39.4
	20	HP	45.0
4 - 40	30	LP	42.8
4.5: 12 to less		HP	49.0
than	40	LP	45.5
6:12		HP	52.0
	50	LP	47.7
		HP	54.5
	60	LP	49.4
		НР	56.5
6:12 to 12:12		LP	31.9
	0-15	HP	37.2
	20	LP	33.7
		HP	39.4
	30	LP	36.7
		HP	42.8
	40	LP	39
		HP	45.5
	50	LP	40.8
		HP	47.7
		LP	42.3
	60	HPZ	42.3 49.4
		1172	40.4

TABLE 2 HC

Hip Roof – ASCE 7-22 Exposure C – Tile Factor = 1.407 ft^3

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Slopes RootHeight (f.) ones Ma(ft.lbf)(ft.lbf) $ -15$ LP 36.1 $ -15$ HP 38.2 $ -20$ HP 38.2 $ -20$ HP 38.2 $ -20$ HP 38.2 $ -20$ HP 40.5 $ -30$ LP 44.5 $ -40$ HP 44.2 $ -40$ LP 44.2 $ -40$ HP 44.2 $ -40$ LP 44.3 $ -40$ LP 30.1 $ -40$ LP 31.9 $ -40$ LP 33.7 $ -40$ LP 33.7 $ -40$ LP 39.0 $ -40$ LP 39.0 $ -40$ LP 30.1 $ -40$ LP 30.1 $ -40$ HP	Roof	Mean	Roof	170
Image: Probability of the state of				
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		50	LP	40.8
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HP 46.3 LP 39.5		50	LP	38.1
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HPZ 48.0		60	LP	39.5
			HPZ	48.0

LPZ - Low Pressure Zones 2 for Hip Roofs HPZ - High Pressure Zones 3 for Hip Roofs $h/B \le 0.80$ values used where applicable (most conservative)