

## REROOFING REQUIREMENTS FOR SINGLE-FAMILY DWELLINGS

### PLYWOOD SHEATHING NAILING FOR EXISTING ROOFS

<b>SUPPLEMENTAL NAILS</b>
8d ring shank w/round head
0.113-inch minimum shank diameter
16 – 20 rings per inch
0.280 minimum round head diameter
Ring shank extends minimum 1 ½” from tip of nail

### NAIL SPACING AT PLYWOOD EDGES AND INTERMEDIATE FRAMING

Existing Nails	Existing Spacing	Supplemental Nails
Staples or 6d nails	Any	Install 8d ring shank round head nails @ 6” o.c.
8d clipped head, round head, smooth or ring shank	6” o.c. or less	None Required
8d clipped head, round head, smooth or ring shank	> 6” o.c	Add 8d ring shank round head nails to achieve a maximum 6” o.c. spacing (including existing nails)

### SAWN LUMBER OR WOOD PLANK SHEATHING

Existing Nails	Supplemental Nails
2 - 8d nails at each truss / rafter	None Required
Any other condition	Install 2 - 8d nails at each truss / rafter

### UNDERLAYMENT INSTALLATION FOR SHINGLE ROOF

Roof Slope	Underlayment Installation
<b>2:12 to 4:12</b>	ASTM D 226 Type I or Type II underlayment
	Apply 19-inch strip parallel with and starting with the eaves
	Starting at eave apply 36-inch sheet overlapping successive sheets 19-inches
	Offset end laps by 6-feet
	Install 1- inch round plastic or metal cap nails in a 12-inch grid pattern between overlaps
	Install 1- inch round plastic or metal cap nails 6-inch o.c. spacing at the overlaps

<b>4:12 or more</b>	ASTM D 226 Type I or Type II underlayment
	Begin at eave lapping successive sheets 2-inches
	Offset end laps by 6-feet
	Install 1- inch round plastic or metal cap nails in a 12-inch grid pattern between overlaps
	Install 1- inch round plastic or metal cap nails 6-inch o.c. spacing at the overlaps

**OR**

Roof deck covered with approved self-adhering polymer modified bitumen sheet (ASTM D 1970)
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**OR**

Roof deck covered with approved self-adhering synthetic underlayment installed to manufacturers spec's.
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