

# ONDURA®

## Specs and Installation Tips

(See ONDURA Installation Guide for more information.)

### Specifications

#### Sheet

**Size:** 48" wide, 79" long, 1-3/8" depth (26.33 sq. ft. per sheet)

**Weight:** 18 lbs. per sheet  
81 lbs. per square

**Covered Square:** (100 sq. ft.) = 4 1/2 sheets

**Colors:** Red White Brown Tan  
Black Green Gray Blue

**Slope:** 3" in 12" or steeper is recommended

**Ridge Caps:** 12-1/2" or 19-1/4" wide, 79" long  
7" end lap  
38 nails per cap

**Nails:** 1 box of 100-3" ONDURA nails per 4 sheets

#### Tile

**Size:** 48" wide x 19 3/4" long (4 tiles cut from one ONDURA sheet)

**Weight:** 4-1/2 lbs. each  
108 lbs. per square

**Covered Square:** (100 sq. ft.) = 24 tiles

**Ridge Caps:** 12-1/2" or 19-1/4" wide, 19-3/4" long  
7" end lap  
7 nails per cap

**Nails:** ONDURA nails: 12 per tile (tiles along eave and ridge); 7 per tile (remaining tiles)  
Shingle roofing nails (used in valley at top of shingle for blind nailing): 5 per tile

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### Estimating Guide

#### Sheets:

4.5 Sheets = 100 sq. ft.  
26 ONDURA nails per sheet  
38 ONDURA nails per ridge cap  
1 box nails per 4 sheets  
Ridge Caps = 6' coverage each

#### Tiles:

24 tile (6 sheets) = 100 sq. ft.  
ONDURA nails per tile (along ridge and eave) = 12  
ONDURA nails per tile (remaining tiles) = 7  
Shingle nails per tile (used in valley at top of shingle for blind nailing) = 5  
Ridge Tile = Approx. 1 linear foot of coverage each

#### Closure Strips (Sheets and Tile):

Total the length in inches of the eaves, plus twice the length of the ridges, and four times the length of the hips and valleys. Divide the total inches by 44 (the length of the closure strip in inches) to get the number of closures needed. (Note: 4 closures/pack)

### Installation Tips

<b>Slope:</b>	Recommended - 3:12
<b>Purlin Spacing:</b>	Standard - 24" on center Heavy snow areas - 18" or 12" on center
<b>Cutting:</b>	Across corrugation: Circular saw with carbide bit blade Parallel to corrugation: Utility knife
<b>Overlap:</b>	1 corrugation on sides 7" vertical lap
<b>Valleys:</b>	Install minimum 24" wide metal flashing Cut sheet/tile to fit the angle of the valley