



METSTAR SLATE PLUS SMOOTH

ORDER TIP SHEET

<u>Product</u>	<u>Calculations</u>	<u>How to Order</u>
Metstar Slate Plus Stone Coated Panel	Panels = (Total SQs x 20) + waste OR Panels = (Total sq. footage / 5) + waste	To account for waste, add approximately 10-20% based on roof complexity (we can help!). *Round to the nearest 10 (10 panels per bundle) to get the total number of panels to order.
Metstar Slate Trim	$\text{Pieces} = \frac{(\text{Hip} + \text{ridge}) * 12}{14}$	Calculate the total linear footage of all the hips, ridges and gables (if you choose to use the trim piece on the gable) (see section F*). Multiply total by 12 to get the number in inches. Then divide by 14 inches to get the number of pieces. Remember to add about 5% extra for waste.
Metstar Valley Caps	Pieces = Valley footage / 4	Calculate the total linear footage of all the valleys and divide the total by 4' to get the number of pieces needed.
Universal Valley	Pieces= Valley footage / 10 <small>**Needs to overlap by minimum 6"</small>	Calculate the total linear footage of all the valleys. Divide the total by 10' to get the number of pieces to order (for long valleys over 10' the pieces need to overlap by 6" minimum).
Metstar Flatsheets	18" x 52.75"	As needed for custom flashings.
Universal Gable	Pieces= Gable footage / 10 <small>*Most common gable option</small>	Calculate the total length of Gables/Rakes. Divide by 10' to get the number of pieces. (On gables longer than 10' the pieces should overlap by 2" minimum). Remember to order the same amount of Universal Channels as Universal Gable, as this is a 2 piece gable set-up.
Universal Starter Strip	Pieces= Eave footage / 10 <small>*Used at the eave</small>	Calculate the total linear footage of the eave, then divide by 10' to get the number of pieces. (There should be a 1" overlap on adjacent pieces)
Universal Channel	$\text{Pieces} = \frac{(\text{Sidewall/endwall footage}) + (\text{Rake/gable footage})}{10'}$	Calculate the total linear footage of sidewall/endwall plus rake/gable applications and divide by 10' to get the number of pieces needed (on applications longer than 10' make sure there is a minimum 2" overlap). <i>**If you are using Slate Trims on the gables you will need to divide the total gable footage by 10' to get the number of pieces of the Universal Channel to go under the gable slate trims and add this to the total.</i>
Universal Roof to Wall	10'	Once you have calculated the number of UNIVERSAL ROOF TO WALL needed for the sidewall/endwall (not gable!)
Screws	500 screws/bag	Calculate 6 fasteners per panel ordered and round up to the nearest 500 pieces.