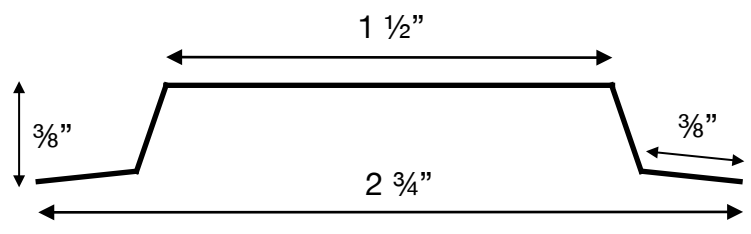




# FM3-VHV (FurringMaster 3-Vertical/Horizontal Vent)

- 20 gauge Steel w/ AZ50 ZINCALUME®
- Produced with 3/8" hat channel
- NON-COMBUSTIBLE!



**What is ZINCALUME® Steel Grade 37?**  
*-Hot dip Zinc/Aluminum alloy-coated structural steel with a spangled surface and guaranteed minimum yield strength of 37ksi with good ductility*

**What is ZINCALUME® used for?**  
*-Roll-formed Roofing & Siding*

## ZINCALUME® Steel Grade 37

SINGLE-BILL SERVICE OFFER MANUAL - ZINCALUME® Steel - Grade Data Sheets



### ZINCALUME® Steel Grade 37 Grade Data Sheet

**General Description**

ZINCALUME® Steel Grade 37 - hot-dip zinc/aluminum alloy-coated structural steel with a spangled surface and guaranteed minimum yield strength of 37 ksi with good ductility.

**Typical Uses**

Roll-formed roofing and siding.

Dimensions				
Typical Thickness (Inches)	Maximum .035"	Typical width	Maximum 48.9"	
	Minimum .013"		Minimum 26"	
Maximum and minimum thicknesses outside the typical range stated above may be supplied on an inquiry basis only.				
Mechanical Properties			Chemical Composition	
Steel base	Guaranteed Minimum	Typical	Maximum Percent by Weight	
Longitudinal tensile				
Yield strength, ksi	37	39-59	Carbon (C)	0.20
Tensile strength, ksi	52	54-67	Phosphorus (P)	0.04
Elongation in 2 inch, minimum %	18	20-40	Manganese (Mn)	1.15
Hardness, HRB		50-70	Sulfur (S)	0.04
Supply Condition	Standard	Optional	Fabricating Performance (1-Limited to 5-Excellent, NR-Not Recommended)	
Coating class	AZ50	AZ55	Bending	5
Tension leveling	Leveled		Drawing	NR
Surface conditioning	Not Skin-passed	Skin passed, (paint line feed)	Pressing	NR
			Pittsburgh Lock Seam	NR
			Roll-forming	5
			Welding *	5
Chemical treatment	Passivated		Painting **	5
ZINCALUME® Plus	Resin Coated			
Oiling	Not Oiled	Oiled		
Branding	Not Branded			