

ProfileVent®

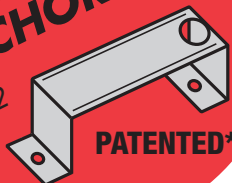
THE RIDGE VENT CUT TO FIT

Technical Catalog

THE REVOLUTIONARY
VENTILATION
SYSTEM FOR
COMMERCIAL
AND RESIDENTIAL
METAL ROOFS

Optional
RIDGE CAP
ANCHOR CLIP

p.5.2



PATENTED*



Volume **13**

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1" x 5/16" x 12" <i>no positioning glue</i>	12016	15016	10016	1"	#80004	4.2
1" x 5/16" x 16" <i>no positioning glue</i>	12017	15017	10017	1"	#80004	4.2
Alu-Loc <i>no positioning glue</i>	12023	15023	10023	1"	#80004	4.2
1 3/4" Snap Lock 16" <i>no positioning glue</i>	12032	15032	10032	1 3/4"	#80010	4.2
Snap Seam 12" <i>no positioning glue</i>	12034	15034	10034	1"	#80004	4.3
SSR Panel 16" <i>no positioning glue</i>	12036	15036	10036	2 1/2"	#80012	4.3
SSR Panel 18" <i>no positioning glue</i>	12037	15037	10037	2 1/2"	#80012	4.3
Metalogic 2000 12" <i>no positioning glue</i>	12038	15038	10038	1 3/4"	#80010	4.3
Snap Seam 16" <i>no positioning glue</i>	12039	15039	10039	1"	#80004	4.3
1 3/4" Snap Lock 18" <i>no positioning glue</i>	12041	15041	10041	1 3/4"	#80010	4.4
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Note1: If you require a profile not found in this booklet, please contact us to evaluate the feasibility of Ventco fulfilling your needs.
 Note2: The trademarks listed above are those of the respective roof panel manufacturer.

CROSS REFERENCE GUIDE

**A QUICK GUIDE
TO FINDING THE PROFILEVENT PRODUCT
THAT MATCHES INDUSTRY METAL PANELS
BY MANUFACTURER**

CROSS REFERENCE GUIDE

Note: The trademarks listed below are those of the respective roof panel manufacturer.

				Panel Manufacturers						
Ventco Product Codes			Ventco Description	A&S	Alumax	Alliance	American Bldg. Components	BHP	BRB Roofing & Manufacturing	CBC Steel
20ft	50ft	100ft								
12001	15001	10001	Ameridrain				Ameridrain			
12002	15002	10002	5-V Panel							
12003	15003	10003	Pro Panel II					Norclad		
12004	15004	10004	Strong Panel II			Monarch				
12005	15005	10005	3/4" Hi Rib		Alu Tuff		Imperial Rib			
12006	15006	10006	M/U Panel			U-Panel				
12007	15007	10007	Agri Panel							
12008	15008	10008	Delta Rib				Delta Rib	Delta Rib		
12009	15009	10009	2.67 Corrugated					2.67 Corr.		
12010	15010	10010	Uni-Rib							
12011	15011	10011	Royal Lock 12"				Royal Lock 12"			
12012	15012	10012	Royal Lock 16"				Royal Lock 16"			
12013	15013	10013	SL-12				SL-12			
12014	15014	10014	SL-16				SL-16			
12015	15015	10015	Morton Hi Rib							
12016	15016	10016	1" x 5/16" x 12"							
12017	15017	10017	1" x 5/16" x 16"							
12018	15018	10018	Spanline							
12019	15019	10019	R Panel	R Panel		R Panel				R Panel
12020	15020	10020	Multi Rib							
12021	15021	10021	Regal Rib				Regal Rib			
12022	15022	10022	Rugged Rib				Rugged Rib			
12023	15023	10023	Alu-Loc							
12024	15024	10024	7/8" Wide Rib				7/8" Wide Rib			
12027	15027	10027	DuraClad							
12028	15028	10028	Tile Sheet 25/1100							
12029	15029	10029	LS-28 Large Tab							
12030	15030	10030	Ultra Loc							
12031	15031	10031	AP Panel							
12032	15032	10032	1¾" Snap Lock 16"							
12034	15034	10034	Snap Seam 12"							
12036	15036	10036	SSR Panel 16"						SSR Panel 16"	
12037	15037	10037	SSR Panel 18"						SSR Panel 18"	
12038	15038	10038	Metalogic 2000 12"							
12039	15039	10039	Snap Seam 16"							
12040	15040	10040	Pro-S 12 Panel							
12041	15041	10041	1¾" Snap Lock 18"							
12042	15042	10042	1¾" Snap Lock 14"							
12043	15043	10043	Omega Estructural							
12044	15044	10044	Omega Plus							
12045	15045	10045	1½" SSR 12"							
12046	15045	10046	1½" SSR 16"							

CROSS REFERENCE GUIDE

Note: The trademarks listed below are those of the respective roof panel manufacturer.

				Panel Manufacturers							
Ventco Product Codes			Ventco Description	Central States	Champion Metals	Creative Building Supply	easyroof	Fabral Metals	Granite City	Kirby	Lester
20ft	50ft	100ft									
12001	15001	10001	Ameridrain								
12002	15002	10002	5-V Panel					5-V Panel			
12003	15003	10003	Pro Panel II	Panel-Lock	Metal Pro						
12004	15004	10004	Strong Panel II						Strong Panel		
12005	15005	10005	3/4" Hi Rib	Panel Loc Plus		Grand Rib 3		Grand Rib 3	Strong Panel		
12006	15006	10006	M/U Panel			U Panel					
12007	15007	10007	Agri Panel								
12008	15008	10008	Delta Rib	Hi-Rib Panel						Delta Rib	
12009	15009	10009	2.67 Corrugated			2.67 Corr.		2.67 Corr.			
12010	15010	10010	Uni-Rib								Uni-Rib
12011	15011	10011	Royal Lock 12"								
12012	15012	10012	Royal Lock 16"								
12013	15013	10013	SL-12								
12014	15014	10014	SL-16								
12015	15015	10015	Morton Hi Rib								
12016	15016	10016	1" x 5/16" x 12"			Medallion-1SS12"					
12017	15017	10017	1" x 5/16" x 16"			Medallion-1SS16"					
12018	15018	10018	Spanline								
12019	15019	10019	R Panel			R Panel		Mighty Rib		Kirby Rib 2	
12020	15020	10020	Multi Rib	Kirby Rib 2							
12021	15021	10021	Regal Rib								
12022	15022	10022	Rugged Rib								
12023	15023	10023	Alu-Loc					Alu Loc			
12024	15024	10024	7/8" Wide Rib								
12027	15027	10027	DuraClad								
12028	15028	10028	Tile Sheet 25/1100								
12029	15029	10029	LS-28 Large Tab								
12030	15030	10030	Ultra Loc								
12031	15031	10031	AP Panel								
12032	15032	10032	1¾" Snap Lock 16"				easyloc 16				
12034	15034	10034	Snap Seam 12"				easysnap 12				
12036	15036	10036	SSR Panel 16"								
12037	15037	10037	SSR Panel 18"								
12038	15038	10038	Metalogic 2000 12"				easyloc 12				
12039	15039	10039	Snap Seam 16"				easysnap 16				
12040	15040	10040	Pro-S 12 Panel								
12041	15041	10041	1¾" Snap Lock 18"					Pro-S 12 Panel			
12042	15042	10042	1¾" Snap Lock 14"								
12043	15043	10043	Omega Estructural								
12044	15044	10044	Omega Plus								
12045	15045	10045	1½" SSR 12"								
12046	15045	10046	1½" SSR 16"								

CROSS REFERENCE GUIDE

Note: The trademarks listed below are those of the respective roof panel manufacturer.

				Panel Manufacturers							
Ventco Product Codes			Ventco Description	MBCI	McElroy	Mesco	Metal Sales	Morton	Niff-Corr	Nucor	Southern Structures
20ft	50ft	100ft									
12001	15001	10001	Ameridrain	Rainguard							
12002	15002	10002	5-V Panel	5-V Crimp	5-V Panel		5-V Crimp				
12003	15003	10003	Pro Panel II	Perma-Clad			Pro-Panel II				
12004	15004	10004	Strong Panel II								
12005	15005	10005	3/4" Hi Rib	Stormproof	Max-Rib		Classic Rib		Storm Shield		
12006	15006	10006	M/U Panel	M Panel			U Panel		U Panel		
12007	15007	10007	Agri Panel								
12008	15008	10008	Delta Rib								
12009	15009	10009	2.67 Corrugated	C Panel	Multi-Cor						
12010	15010	10010	Uni-Rib								
12011	15011	10011	Royal Lock 12"								
12012	15012	10012	Royal Lock 16"								
12013	15013	10013	SL-12		Meridian						
12014	15014	10014	SL-16		Meridian						
12015	15015	10015	Morton Hi Rib					Morton Hi Rib			
12016	15016	10016	1" x 5/16" x 12"	1" x 12" SS			Image 12"		Niff-Lock 12		
12017	15017	10017	1" x 5/16" x 16"	1" x 16" SS			Image 16"		Niff-Lock 16		
12018	15018	10018	Spanline				Spanline 36"				
12019	15019	10019	R Panel			R Panel	R Panel		R Panel	R Panel	R Panel
12020	15020	10020	Multi Rib		Multi-Rib						
12021	15021	10021	Regal Rib								
12022	15022	10022	Rugged Rib								
12023	15023	10023	Alu-Loc								
12024	15024	10024	7/8" Wide Rib								
12027	15027	10027	DuraClad								
12028	15028	10028	Tile Sheet 25/1100								
12029	15029	10029	LS-28 Large Tab								
12030	15030	10030	Ultra Loc								
12031	15031	10031	AP Panel								
12032	15032	10032	1¾" Snap Lock 16"		Medallion Loc 16"						
12034	15034	10034	Snap Seam 12"	Lok Seam 16"	Medallion I-12"						
12036	15036	10036	SSR Panel 16"								
12037	15037	10037	SSR Panel 18"								
12038	15038	10038	Metalogic 2000 12"		Medallion Loc 12"						
12039	15039	10039	Snap Seam 16"		Medallion I-16"						
12040	15040	10040	Pro-S 12 Panel								
12041	15041	10041	1¾" Snap Lock 18"		Medallion Loc 18"						
12042	15042	10042	1¾" Snap Lock 14"								
12043	15043	10043	Omega Estructural								
12044	15044	10044	Omega Plus								
12045	15045	10045	1½" SSR 12"								
12046	15045	10046	1½" SSR 16"								

CROSS REFERENCE GUIDE

Note: The trademarks listed below are those of the respective roof panel manufacturer.

				Panel Manufacturers						
Ventco Product Codes			Ventco Description	South Eastern Metal	Una Clad	Vic West	West Metal	Westform	Wheeling	Wick Building
20ft	50ft	100ft								
12001	15001	10001	Ameridrain						Channeldrain	
12002	15002	10002	5-V Panel	5-V Panel					5-V	
12003	15003	10003	Pro Panel II			Pro Clad			Pro Panel	
12004	15004	10004	Strong Panel II						Channeldrain 2000	
12005	15005	10005	3/4" Hi Rib	S.M. Rib		Best Panel			Century Drain	
12006	15006	10006	M/U Panel			U Panel		Easy-Fast		
12007	15007	10007	Agri Panel							Agri Panel
12008	15008	10008	Delta Rib			Val Rib	Delta Rib		Delta Rib	
12009	15009	10009	2.67 Corrugated			2.67 Corr.				
12010	15010	10010	Uni-Rib							
12011	15011	10011	Royal Lock 12"							
12012	15012	10012	Royal Lock 16"							
12013	15013	10013	SL-12							
12014	15014	10014	SL-16							
12015	15015	10015	Morton Hi Rib							
12016	15016	10016	1" x 5/16" x 12"	1" x 12" SS				Proloc		
12017	15017	10017	1" x 5/16" x 16"	1" x 16" SS						
12018	15018	10018	Spanline	PBR						
12019	15019	10019	R Panel		R Panel	R Panel			R Panel	
12020	15020	10020	Multi Rib							
12021	15021	10021	Regal Rib							
12022	15022	10022	Rugged Rib							
12023	15023	10023	Alu-Loc							
12024	15024	10024	7/8" Wide Rib							
12027	15027	10027	DuraClad					Duraclad		
12028	15028	10028	Tile Sheet 25/1100					Tile Sheet 25/1100		
12029	15029	10029	LS-28 Large Tab					LS-28 Large Tab		
12030	15030	10030	Ultra Loc			Ultra Loc				
12031	15031	10031	AP Panel							
12032	15032	10032	1¾" Snap Lock 16"							
12034	15034	10034	Snap Seam 12"							
12036	15036	10036	SSR Panel 16"							
12037	15037	10037	SSR Panel 18"							
12038	15038	10038	Metalogic 2000 12"							
12039	15039	10039	Snap Seam 16"							
12040	15040	10040	Pro-S 12 Panel							
12041	15041	10041	1¾" Snap Lock 18"							
12042	15042	10042	1¾" Snap Lock 14"							
12043	15043	10043	Omega Estructural							
12044	15044	10044	Omega Plus							
12045	15045	10045	1½" SSR 12"							
12046	15045	10046	1½" SSR 16"							

SCREW-DOWN PANEL PROFILES

AGRICULTURAL

Most profiles are available in the following sizes:

20FT, 50FT, AND 100FT

Note: Illustrations are not to scale and are representative of metal panel profiles,
not the final ProfileVent[®] product.

SCREW-DOWN PANEL PROFILES

AGRICULTURAL

Product Name	Package	Item #	Optional Ridge Cap Anchor Clip	Dimensions
AMERIDRAIN	20FT	12001	3/4" #80002	
	50FT	15001	3/4" #80002	
	100FT	10001	3/4" #80002	
5-V PANEL	20FT	12002	3/4" #80002	
	50FT	15002	3/4" #80002	
	100FT	10002	3/4" #80002	
PRO PANEL II	20FT	12003	3/4" #80002	
	50FT	15003	3/4" #80002	
	100FT	10003	3/4" #80002	
STRONG PANEL II	20FT	12004	3/4" #80002	
	50FT	15004	3/4" #80002	
	100FT	10004	3/4" #80002	
3/4" HI RIB	20FT	12005	3/4" #80002	

SCREW-DOWN PANEL PROFILES

AGRICULTURAL

Product Name	Package	Item #	Optional Ridge Cap Anchor Clip	Dimensions
2.67 CORRUGATED	20FT	12009	3/4" #80002	
	50FT	15009	3/4" #80002	
	100FT	10009	3/4" #80002	
UNI-RIB	20FT	12010	1" #80004	
	50FT	15010	1" #80004	
	100FT	10010	1" #80004	
MORTON HI RIB	20FT	12015	1" #80004	
	50FT	15015	1" #80004	
	100FT	10015	1" #80004	
REGAL RIB	20FT	12021	3/4" #80002	
	50FT	15021	3/4" #80002	
	100FT	10021	3/4" #80002	
RUGGED RIB	20FT	12022	3/4" #80002	
	50FT	15022	3/4" #80002	
	100FT	10022	3/4" #80002	
7/8" WIDE RIB	20FT	12024	1" #80004	

SCREW-DOWN PANEL PROFILES

AGRICULTURAL

Product Name	Package	Item #	Optional Ridge Cap Anchor Clip	Dimensions
OMEGA ESTRUCTURAL	20FT	12043	1" #80004	
	50FT	15043	1" #80004	
	100FT	10043	1" #80004	
OMEGA PLUS	20FT	12044	1 1/2" #80008	
	50FT	15044	1 1/2" #80008	
	100FT	10044	1 1/2" #80008	

SCREW-DOWN PANEL PROFILES

COMMERCIAL

Most profiles are available in the following sizes:

20FT, 50FT, AND 100FT

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not the final ProfileVent[®] product.

SCREW-DOWN PANEL PROFILES

COMMERCIAL

Product Name	Package	Item #	Optional Ridge Cap Anchor Clip	Dimensions
SPANLINE	20FT	12018	1 1/4" #80006	
	50FT	15018	1 1/4" #80006	
	100FT	10018	1 1/4" #80006	
R PANEL	20FT	12019	1 1/4" #80006	
	50FT	15019	1 1/4" #80006	
	100FT	10019	1 1/4" #80006	
MULTI RIB	20FT	12020	1 1/4" #80006	
	50FT	15020	1 1/4" #80006	
	100FT	10020	1 1/4" #80006	
TILE SHEET 25/1100	20FT	12028	1" #80004	
	50FT	15028	1" #80004	
	100FT	10028	1" #80004	
LS-28 LARGE TAB	20FT	12029	1 1/2" #80008	
	50FT	15029	1 1/2" #80008	
	100FT	10029	1 1/2" #80008	
ULTRA LOC <i>no positioning glue</i>	20FT	12030	1" #80004	
	50FT	15030	1" #80004	
	100FT	10030	1" #80004	
AP PANEL	20FT	12031	1" #80004	
	50FT	15031	1" #80004	
	100FT	10031	1" #80004	
PRO-S 12 PANEL	20FT	12040	1" #80004	
	50FT	15040	1" #80004	
	100FT	10040	1" #80004	

STANDING SEAM PANEL PROFILES

Most profiles are available in the following sizes:

20FT, 50FT, AND 100FT

Note: Illustrations are not to scale and are representative of metal panel profiles,
not the final ProfileVent® product.

STANDING SEAM PANEL PROFILES

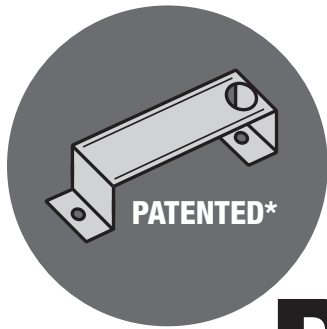
Product Name	Package	Item #	Optional Ridge Cap Anchor Clip	Dimensions
ROYAL LOCK 12"	20FT	12011	1" #80004	
	50FT	15011	1" #80004	
	100FT	10011	1" #80004	
ROYAL LOCK 16"	20FT	12012	1" #80004	
	50FT	15012	1" #80004	
	100FT	10012	1" #80004	
SL-12 <i>no positioning glue</i>	20FT	12013	1" #80004	
	50FT	15013	1" #80004	
	100FT	10013	1" #80004	
SL-16 <i>no positioning glue</i>	20FT	12014	1" #80004	
	50FT	15014	1" #80004	
	100FT	10014	1" #80004	
1" x 5/16" x 12" <i>no positioning glue</i>	20FT	12016	1" #80004	
	50FT	15016	1" #80004	
	100FT	10016	1" #80004	
1" x 5/16" x 16" <i>no positioning glue</i>	20FT	12017	1" #80004	
	50FT	15017	1" #80004	
	100FT	10017	1" #80004	
ALU-LOC <i>no positioning glue</i>	20FT	12023	1" #80004	
	50FT	15023	1" #80004	
	100FT	10023	1" #80004	
1 3/4" SNAP LOCK 16" <i>no positioning glue</i>	20FT	12032	1 3/4" #80010	
	50FT	15032	1 3/4" #80010	
	100FT	10032	1 3/4" #80010	

STANDING SEAM PANEL PROFILES

Product Name	Package	Item #	Optional Ridge Cap Anchor Clip	Dimensions
SNAP SEAM 12" <i>no positioning glue</i>	20FT	12034	1" #80004	
	50FT	15034	1" #80004	
	100FT	10034	1" #80004	
SSR PANEL 16" <i>no positioning glue</i>	20FT	12036	2 1/2" #80012	(SSR Panel cut with no minor ribs)
	50FT	15036	2 1/2" #80012	
	100FT	10036	2 1/2" #80012	
SSR PANEL 18" <i>no positioning glue</i>	20FT	12037	2 1/2" #80012	(SSR Panel cut with no minor ribs)
	50FT	15037	2 1/2" #80012	
	100FT	10037	2 1/2" #80012	
METALOGIC 2000 12" <i>no positioning glue</i>	20FT	12038	1 3/4" #80010	
	50FT	15038	1 3/4" #80010	
	100FT	10038	1 3/4" #80010	
SNAP SEAM 16" <i>no positioning glue</i>	20FT	12039	1" #80004	
	50FT	15039	1" #80004	
	100FT	10039	1" #80004	

STANDING SEAM PANEL PROFILES

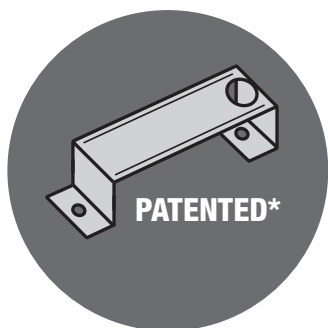
Product Name	Package	Item #	Optional Ridge Cap Anchor Clip	Dimensions
1 3/4" SNAP LOCK 18" <i>no positioning glue</i>	20FT	12041	1 3/4" #80010	
	50FT	15041	1 3/4" #80010	
	100FT	10041	1 3/4" #80010	
1 3/4" SNAP LOCK 14" <i>no positioning glue</i>	20FT	12042	1 3/4" #80010	
	50FT	15042	1 3/4" #80010	
	100FT	10042	1 3/4" #80010	
1 1/2" SSR 12" <i>no positioning glue</i>	20FT	12045	1 1/2" #80008	
	50FT	15045	1 1/2" #80008	
	100FT	10045	1 1/2" #80008	
1 1/2" SSR 16" <i>no positioning glue</i>	20FT	12046	1 1/2" #80008	
	50FT	15046	1 1/2" #80008	
	100FT	10046	1 1/2" #80008	



OPTIONAL

RIDGE CAP ANCHOR CLIP

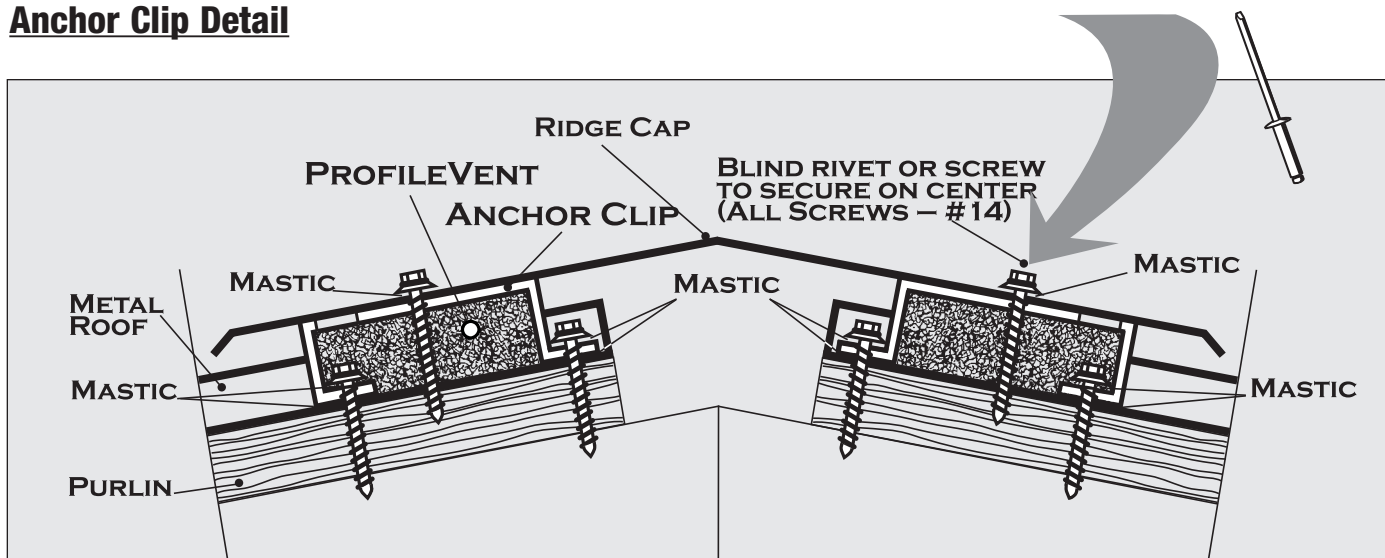
OPTIONAL RIDGE CAP ANCHOR CLIP



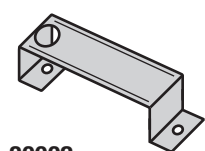
We recommend using our anchor clip in high wind areas and on panels with major ribs 16" on center or greater.

BLIND RIVETS can be used to anchor the ridge cap when using architectural or standing seam panels.

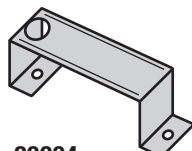
Anchor Clip Detail



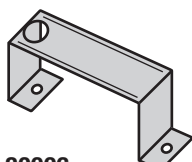
Ordering Information



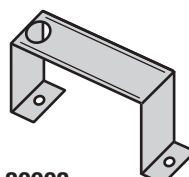
80002
3/4" Anchor Clip



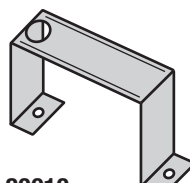
80004
1" Anchor Clip



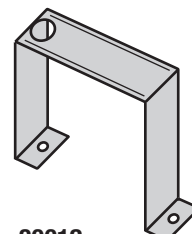
80006
1 1/4" Anchor Clip



80008
1 1/2" Anchor Clip



80010
1 3/4" Anchor Clip



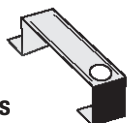
80012
2 1/2" Anchor Clip

Packaging

- 25 clips per small box
- 24 small boxes per master box
- 600 clips per master box

Specifications

- 20 gauge galvanized steel
- Visible surface painted black for aesthetic purposes



Test Results

Ventco™ Ridge Cap Anchor Clip

An independent engineering corporation tested the performance of the Ventco Ridge Cap Anchor Clip under high wind loading. During testing, a roof/ridge vent/cap system was subjected to wind speeds that follow the Dade County Test protocol.

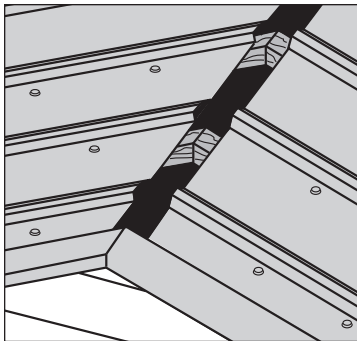
The following observations were made concerning the performance and structural integrity of the clip and ridge cap:

- No lifting of the ridge cap up to 115 mph
- No fastener pull out or loosening
- The ridge cap remained in contact with ventilation system
- No difference in performance when the cap is secured to the clip with screws or blind rivets

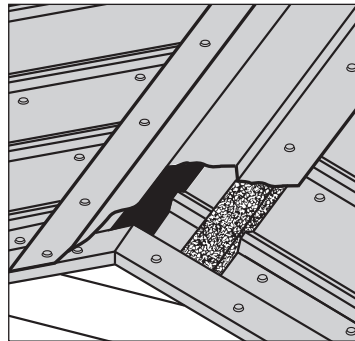
INSTALLATION INSTRUCTIONS

**FOR PROFILEVENT &
OPTIONAL RIDGE CAP ANCHOR CLIP**

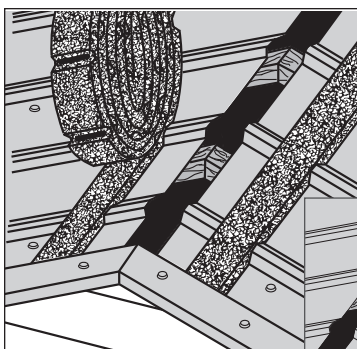
PROFILEVENT STANDARD INSTALLATION INSTRUCTIONS



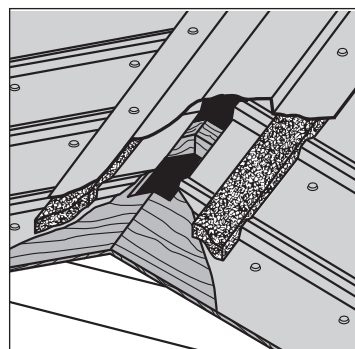
1 Allow 2" opening at ridge for ventilation. ProfileVent® is rolled out along the ridge, gable to gable, about 1/2" to 1" up-slope from the edge of the ridge cap. The positioning adhesive on most profiles will hold ProfileVent in position for easy installation.



3 Screw down or pop rivet the ridge cap according to manufacturer's instructions (works with any ridge cap).

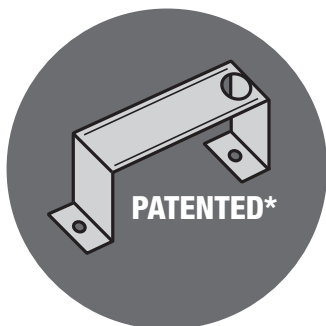


2 ProfileVent can be cut with scissors or utility knife. When splicing ProfileVent, make the splice at the center top of the high rib and use caulk or sealant along the splice (see inset).



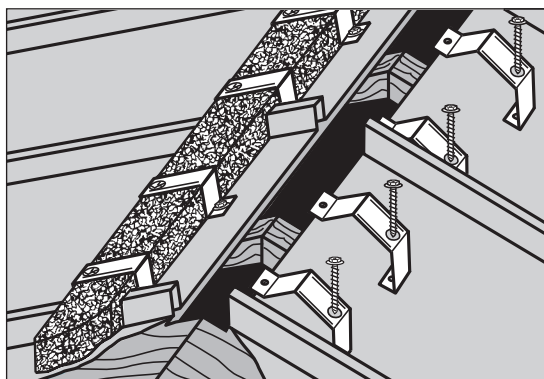
New or Reroof on Purlin or Wood Deck Construction

Use a 2" opening at the ridge to provide ventilation. On new or re-roof wood deck construction, cut a 2" slot at the ridge (1" each side, start cut 6" from gable ends). On purlin construction position panels to leave a 2" opening.

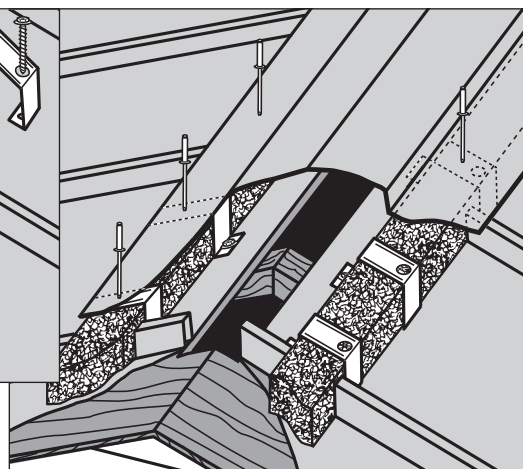


OPTIONAL RIDGE CAP ANCHOR CLIP INSTALLATION INSTRUCTIONS

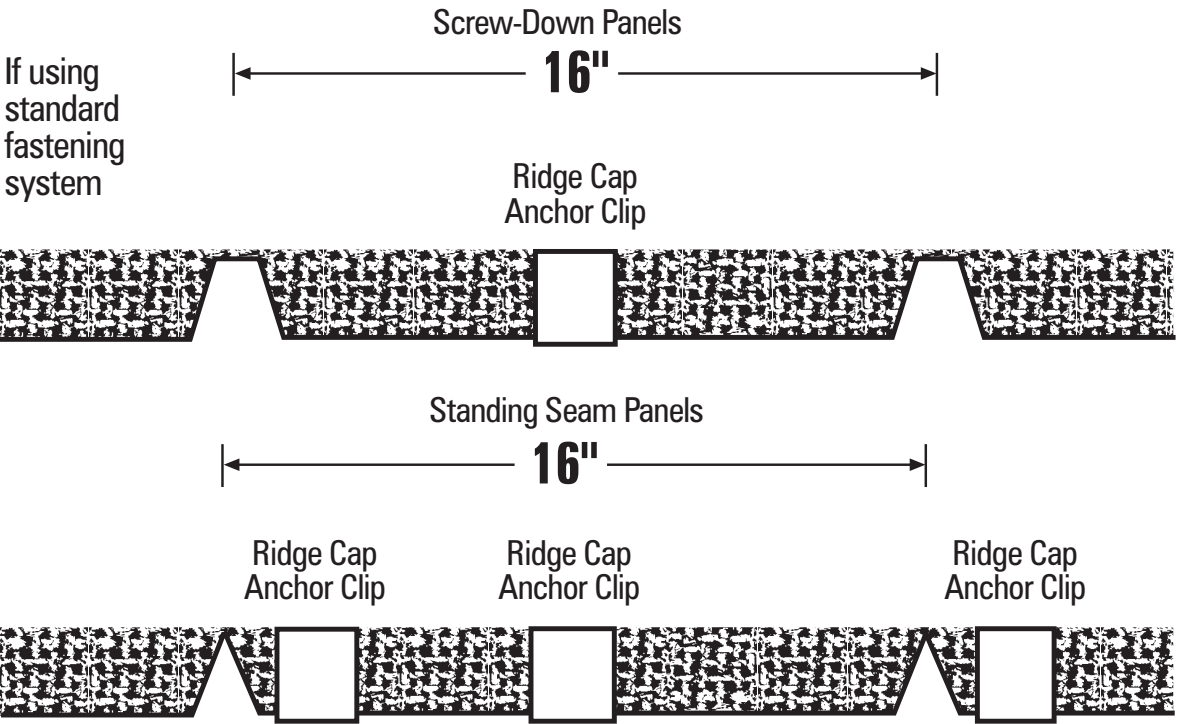
1 Install your metal roofing panel according to manufacturer's instructions. Apply mastic above and below pre-drilled holes in the clip. Before installing ProfileVent, insert #14A screw through the large down-slope access hole in top of the **Ridge Cap Anchor Clip**.



2 Lift the back end of clip. Slip ProfileVent under the clip. Push clip back down and insert another #14A screw in the up-slope hole.



Suggested Placement of Ridge Vent Anchor Clips



FREIGHT SPECIFICATIONS

STANDARD & ITEMIZED

STANDARD 48' AND 53' TRUCK

FREIGHT SPECIFICATIONS 20', 50', & 100' PACKAGES

ALL ORDERS FOB Shipping Point

Full truck quantity may vary due to variety of product ordered. Note this variation can be 2-4 pallets (see p.7.3 for details).

<i>Product Size</i>	<i>Truck Length</i>	<i>Pallets</i>	<i>Packages per Pallet</i>	<i>Linear Ft. per Pallet</i>	<i>Total Linear Ft. per truck</i>
20' (2 x 10 ft. rolls per package) 	53' Truck	48 Pallets	84 pkgs.	1,680 lin. ft.	80,640 lin. ft.
50' (2 x 25 ft. rolls per package) 	48' Truck	48 Pallets	28 pkgs. or 14 pkgs.	1,400 lin. ft. or 700 lin. ft.	67,200 lin. ft.
	53' Truck	60 Pallets	28 pkgs. or 14 pkgs.	1,400 lin. ft. or 700 lin. ft.	84,000 lin. ft.
100' (2 x 50 ft. rolls per package) 	48' Truck	48 Pallets	14 pkgs. or 7 pkgs.	1,400 lin. ft. or 700 lin. ft.	67,200 lin. ft.
	53' Truck	50 Pallets	14 pkgs. or 7 pkgs.	1,400 lin. ft. or 700 lin. ft.	70,000 lin. ft.

ITEMIZED FREIGHT SPECIFICATIONS

Ventco Description	Ventco Product Codes		
	20ft	50ft	100ft
Ameridrain	12001	15001	10001
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
5-V Panel	12002	15002	10002
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Pro Panel II	12003	15003	10003
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Strong Panel II	12004	15004	10004
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
3/4" Hi Rib	12005	15005	10005
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
M/U Panel	12006	15006	10006
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Agri Panel	12007	15007	10007
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Delta Rib	12008	15008	10008
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
2.67 Corrugated	12009	15009	10009
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.
Uni-Rib	12010	15010	10010
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.

Ventco Description	Ventco Product Codes		
	20ft	50ft	100ft
Royal Lock 12"	12011	15011	10011
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Royal Lock 16"	12012	15012	10012
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
SL-12	12013	15013	10013
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.
SL-16	12014	15014	10014
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.
Morton Hi Rib	12015	15015	10015
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.
1" x 5/16" x 12"	12016	15016	10016
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.
1" x 5/16" x 16"	12017	15017	10017
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.
Spanline	12018	15018	10018
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.
R Panel	12019	15019	10019
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x45 1/2"x48"	62"x48"x48"
Approx. weight	130 lbs.	140 lbs.	150 lbs.
Multi Rib	12020	15020	10020
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x55"x48"	69"x59"x48"
Approx. weight	130 lbs.	150 lbs.	104 lbs.

ITEMIZED FREIGHT SPECIFICATIONS

Ventco Description	Ventco Product Codes		
	20ft	50ft	100ft
Regal Rib	12021	15021	10021
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Rugged Rib	12022	15022	10022
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Alu-Loc	12023	15023	10023
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x45½"x48"	62"x48"x48"
Approx. weight	130 lbs.	140 lbs.	150 lbs.
7/8" Wide Rib	12024	15024	10024
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
DuraClad	12027	15027	10027
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
Tile Sheet 25/1100	12028	15028	10028
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x45½"x48"	62"x48"x48"
Approx. weight	130 lbs.	140 lbs.	150 lbs.
LS-28 Large Tab	12029	15029	10029
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	14	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
Ultra Loc	12030	15030	10030
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
AP Panel	12031	15031	10031
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x45½"x48"	62"x48"x48"
Approx. weight	130 lbs.	140 lbs.	150 lbs.
1¾" Snap Lock 16"	12032	15032	10032
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
Metalogic 3000 12"	12034	15034	10034
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x45½"x48"	62"x48"x48"
Approx. weight	130 lbs.	140 lbs.	150 lbs.

Ventco Description	Ventco Product Codes		
	20ft	50ft	100ft
SSR Panel 16"	12036	15036	10036
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	95 lbs.	154 lbs.
SSR Panel 18"	12037	15037	10037
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
Snap Seam 12"	12038	15038	10038
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
Snap Seam 16"	12039	15039	10039
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x45½"x48"	62"x48"x48"
Approx. weight	130 lbs.	140 lbs.	150 lbs.
Pro-S 12 Panel	12040	15040	10040
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	56"x42"x48"	48"x40"x48"	58"x44"x48"
Approx. weight	153 lbs.	131 lbs.	128 lbs.
1¾" Snap Lock 18"	12041	15041	10041
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
1¾" Snap Lock 14"	12042	15042	10042
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
Omega Estructural	12043	15043	10043
Ft. per pallet	1,680'	1,400'	1,400'
Pkgs. per pallet	84	28	14
Pallet size	48"x55"x48"	48"x45½"x48"	62"x48"x48"
Approx. weight	130 lbs.	140 lbs.	150 lbs.
Omega Plus	12044	15044	10044
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
1½" SSR 12"	12045	15045	10045
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.
1½" SSR 16"	12046	15045	10046
Ft. per pallet	560'	350'	700'
Pkgs. per pallet	28	7	7
Pallet size	48"x42"x48"	40"x40"x48"	48"x46"x48"
Approx. weight	130 lbs.	150 lbs.	126 lbs.

TECHNICAL DATA



Severe Cold Crack Test

A concern with ridge vent products has been the potential to operate at reduced standards under severe weather conditions. **ProfileVent®** and similar ridge vent material using modified polyester, non-woven, non-wicking fiber based matting, **are not subject to loss of efficiency at low temperatures.** This has been proven by over 10 years of in place experience on actual applications of the material used on shingle roofs (not profiled for metal roofs). It has also been confirmed by a test developed to duplicate cold weather conditions. **ProfileVent material will remain intact in this environment.** ProfileVent is a unique attic ventilation system that has the metal roofing panel profile cut into the surface. It is packaged as two, 50 foot rolls allowing the ease of roll out installation.

TEST

- Purpose:** To determine the effects of cold temperatures, colder than 10° celsius, on ProfileVent, a ridge vent material.
- Procedure:** A sample of the material was placed in a closed chamber. The temperature was lowered to 10° celsius and below via compressed carbon dioxide. The material remained in the chamber for 3 minutes. The material was removed and corner to corner flexion was applied.
- Results:** Passed, no breakdown of binder and or fiber systems.



Attic Dust Test

A concern with ridge vent products has been the potential for attic dust to inhibit the venting process. **ProfileVent®** and similar ridge vent materials using modified polyester, non-woven, non-wicking fiber based matting, **are not subject to loss of air movement from attic dust.** This has been proven by over 10 years of in place experience on actual applications of the material used on shingle roofs (not profiled for metal roofs). It has also been confirmed by an ASTM test developed to duplicate fine attic dust conditions. **ProfileVent will not “hold” the fine dust forced into the vent in this test.** ProfileVent is a unique attic ventilation system that has the metal roofing panel profile cut into the surface. It is packaged as two, 50 foot rolls allowing the ease of roll out installation.

ATTIC DUST TEST ASTM D1739-98

- Purpose:** To demonstrate that ProfileVent will not trap fine dust within the venting fiber.
- Procedure:** The attic dust test was conducted in accordance with procedures outlined in ASTM test method D1739-98.
- Results:** The test confirms ProfileVent will not lose efficiency due to fine attic dust. The material as tested passes the attic dust test.



Wind Driven Rain Infiltration

A concern with ridge vent products has been the potential for wind-driven rain infiltration.

The test specimen, **ProfileVent®**, was mounted at the ridge on a 3 in 12 sloped wood shed test structure. The eave was located normal to and nominally 10' downwind from the 13' 6" diameter propeller of a 2650 horsepower aircraft engine wind generator. The wind speed at the deck was determined by prior pitot tube calibration of engine RPM versus windspeed.

Water spray was added to the airstream upwind of the deck at a rate equal to an 8.8" per hour rain.

The underside of the deck was observed for leakage and test materials were observed for damage during the test. With water added to the airstream as noted above, the specimen was subjected to incrementally increased wind speeds for the time periods noted below.

Test Conditions and Results:

Wind Speed (mph)	Duration (minutes)
50	5
60	5
70	5
80	1
90	1
100	12

No damage or failures were evident.
No water leakage occurred.

Test conducted with metal panel and metal ridge cap.



Simulated Snow Infiltration

A concern with ridge vent products has been the potential for snow infiltration.

The test specimen, **ProfileVent®**, was mounted over an open slot at the ridge of a 3" in 12" sloped, plywood sheathed, wood-framed test shed. The test shed incorporated a full length vented soffit on each eave. The entrance to the test shed was closed during the test.

The eave was located normal to nominally 10' downwind from the 13' 6" diameter propeller of a 2650 horsepower aircraft engine wind generator. The wind speed at the deck was determined by prior pitot tube calibration of engine RPM versus windspeed.

Fine, soft wood sawdust was added to the airstream upwind of the deck at a rate of about 5 lbs. per minute.

The underside of the specimen was visually observed for sawdust infiltration and damage during the test.

With fine sawdust added to the airstream as noted above, the specimen was subjected to incrementally increased wind speeds for the time periods noted below.

Test Conditions and Results:

Wind Speed (mph)	Duration (minutes)
30	5
50	5
70	5

No sawdust infiltration. No damage or failures were evident.

Test conducted with metal panel and metal ridge cap.



Dust Exposure Test

Project Summary:

A concern with ridge vent products has been the potential for dust to inhibit the venting process.

Architectural Testing Inc. (ATI) was contracted by Ventco™ to perform testing in accordance with ICBO Acceptance Criteria AC 132, Section 5.2 Dust Exposure Test, on Ventco's **ProfileVent®** ridge vent. The material tested was sampled by a licenced engineer at the manufacturing facility. Appendix A contains a letter certifying the sampling. **The product successfully met the requirements for dust exposure.** All data and results are reported here.

Test Specimen Description:

The ProfileVent material is 3" wide by 7/8" high. It was packaged in a roll approximately 50' long. The material is plastic mesh.

Test Results: PASSED

9.1 g = 0.265 g/in.² NFVA captured
34 in.² NFVA

Test conducted with metal panel and metal ridge cap.

Test Results: Initial Weight: 0.36 lbs.

Initial Air Infiltration			
Pressure (in H ₂ O)	Air Flow Rate (without vent-cfm)	Air Flow Rate (with vent-cfm)	Difference (cfm)
0.02	92	16	76
0.04	132	25	107
0.06	170	34	136
0.08	214	44	170
0.10	238	56	182
0.15	290	68	222

Test Sequence: Final Weight: 0.38 lbs.

Time (minutes)	Wind Speed	Rate of Dust Application
20	5	46
20	10	46
20	15	46
20	5	46
20	10	46
20	15	46
30	5	46

Final Air Infiltration			
Pressure (in H ₂ O)	Air Flow Rate (without vent-cfm)	Air Flow Rate (with vent-cfm)	Difference (cfm)
0.02	132	34	98
0.04	164	46	118
0.06	196	60	136
0.08	227	70	157
0.10	252	78	174
0.15	322	90	212

Weight of dust captured by vent = 0.02 lbs. or 9.1g

Net Free Ventilation Area (NFVA) of vent (as reported by Ventco) = 17 in.²/ft.

Total NFVA of 2 foot section of vent = 34 in.²

MSDS SHEET

MSDS Number: 04002K1 MSDS Date: April 2000 Product Name: Nonwoven Material (ProfileVent)

Section I: PRODUCT AND COMPANY INFORMATION

Product Family	Nonwoven Coated Abrasive
Manufacturers Name	Glit-Microtron A Katy Co. 809 Broad Street, Wrens, GA 30833
Contact	Customer Service
Telephone/ Fax	(800) 431-2976 Fax: (706) 547-6367
Emergency Phone	Chemtrec (800) 424-9300

Section II: HAZARDOUS COMPONENTS

(Per 29 CFR 1910.1200)

None

Section III: PHYSICAL DATA

(Determined on Typical Material)

Appearance/Color	Fibrons with no significant odor
Solubility (In Water)	N/A
pH Value	N/A
Evaporation Rate	N/A
Freezing Point	N/A
Vapor Density	N/A
Boiling Point	N/A
Specific Gravity	N/A
Melting Point	N/A
% Volatiles by Volume	3-4
Physical State	Solid

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point	N/A
Flammable Limits	N/A
Extinguishing Media	Water, CO2, and Foam
Special Procedures	None
Unusual Fire/Explosion Hazard	None

Section V: HEALTH HAZARD DATA

Threshold Limit Value	Not Determined
Primary Routes of Entry	Skin Contact, Eye Contact
Signs and Effect of Exposure	Skin: Irritation Possible from Prolonged Contact. Eyes: May Cause Eye Irritation

Section VI: EMERGENCY FIRST AID PROCEDURES

Skin Contact:	Rinse with Water
Eye Contact:	Rinse with Water for 15 Minutes. Seek Medical Attention
Ingestion:	Give Water. Seek Medical Attention

Section VII: SPILL AND LEAK PROCEDURES

Steps to be taken if material is released or spilled:

Clean up and dispose of in accordance with applicable laws.

Recommended disposal: Incinerate and/or landfill.

Section VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection	None
Protective Gloves	As Desired by User
Ventilation	Local
Eye Protection	As Desired by User
Other Protective Equipment	None

Section IX: SPECIAL PRECAUTIONS

Precautions to be taken when handling and storing:

Use good housekeeping.

Section X: REGULATORY INFORMATION

U.S. Federal Regulations	None
California Prop 65	No Materials Present Require Reporting

Section XI: SHIPPING INFORMATION

U.S. DOT Proper Shipping Name	Compound, Cleaning Solid, NOI
Hazard Class	Not Required by DOT
ID Number	None
Marine Pollutant	No
Hazard Substance	None

DISCLAIMER:

The information contained herein is based on data available to us, and is believed to be accurate. Health and Safety precautions in this MSDS may not be adequate for all individuals and product uses.