

# Imperial metal profile

## TECHNICAL SHEET



**TÔLE**  
VIGNEAULT



RESIDENTIAL



AGRICULTURAL



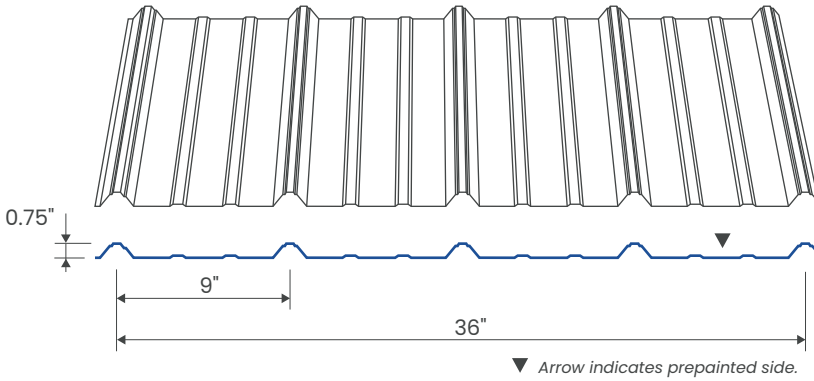
COMMERCIAL

### APPLICATIONS ›

Roof	Mural
Exterior	Interior

### PROPERTIES ›

Available Gauge	29, 28, 26
Cover width	36"
Rib height	3/4"
C/C rib	9"
Minimum length	2'



For your roof, this sheeting is a sure value. Its chic look protects your investment for years to come. It blends well with other materials to create an architectural design and adds remarkable style. The Imperial profile can also be installed vertically or horizontally for wall projects. This model is found on most agricultural buildings.

## Durable, resistant & aesthetic

Its legendary durability and low-maintenance requirements make it a timeless product.

- Exposed fastener profile
- Can be used on wooden or steel framework
- High load capacity
- Recyclable materials
- 40-year limited warranty

- Pre-cut lengths to meet your requests
- Easy installation
- High-performance anti-siphon groove system
- Multi-layer weather resistant paint



### COLOR AVAILABILITY ›

GAUGE	29 GA	28 GA	26 GA
<b>NATURAL FINISHES</b>			
Galvanised Z275 (G90)		•	•
Galvalume Plus AZM150 (AZ50)		•	
<b>PREPAINTED FINISHES - PERSPECTRA PLUS SERIES™</b>			
QC-28273 Bone White		•	
QC-28783 Polar White		•	
QC-28317 White White	•	•	•
QC-28260 Slate Blue		•	
QC-28330 Heron Blue		•	
QC-28790 Bright Blue		•	
QC-28011 Burgundy		•	
QC-28326 Cacao brown		•	
QC-28229 Dark brown		•	
QC-28306 Charcoal		•	
QC-28305 Stone Grey		•	
QC-28730 Regent Grey		•	
QC-28802 Ivory		•	
QC-28398 Iron Ore		•	
QC-28262 Black		•	
QC-28234 International Orange		•	
QC-28250 Dark Red		•	
QC-28259 Tile Red		•	
QC-28386 Bright Red		•	
QC-28315 Tan		•	
QC-28307 Melcher Green		•	
QC-28329 Forest Green		•	
<b>OTHER FINISHES</b>			
QC-07500 Metallic Grey		•	
QC-09822 Ebony WKL		•	
QC-09999 Deep Grey WKL		•	



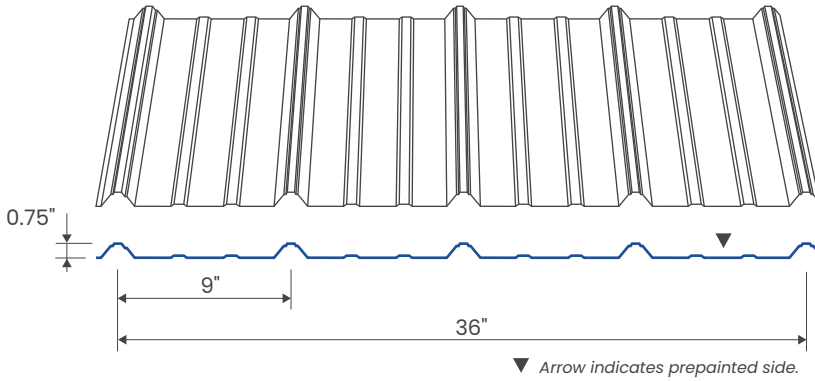
# Imperial metal profile

## TABLEAU DE CHARGE GRADE 50



# TÔLE

VIGNEAULT



### APPLICATIONS

Roof  
Exterior

Mural  
Interior



FINISHES	Thickness in gauge		
	29	28	26
	50 ksi	50 ksi	50 ksi
Natural		•	•
Perspectra Plus Series™		•	•
Polyester	•		
Polyurethane		•	
Wrinkle Coat		•	

For details of availability by color, please refer to the color combination table.

SPECIFICATIONS	
Application	Roof & Wall
Cover width	36"
Rib height	3/4"
C/C rib	9"
Minimum length	2'0"
Max length	35'

LOAD TABLE   Maximum uniformly distributed specified loads lb/pi² (psf)										
Span length (pi.)		1 Span			2 Span			3 Span		
		Base steel thickness (GA)			Base steel thickness (GA)			Base steel thickness (GA)		
		29	28	26	29	28	26	29	28	26
1'4"	S	168	177	212	134	143	175	168	178	219
	D	394	416	499	946	999	1197	745	787	943
2'0"	S	75	79	94	60	63	78	74	79	97
	D	117	123	148	280	296	355	221	233	279
2'6"	S	48	50	60	38	41	50	48	51	62
	D	60	63	76	144	152	182	113	119	143
3'0"	S	33	35	42	26	28	35	33	35	43
	D	35	37	44	83	88	105	65	69	83
3'6"	S	24	26	31	19	21	25	24	26	32
	D	22	23	28	52	55	66	41	43	52
4'0"	S	19	20	24	15	16	19	19	20	24
	D	15	15	18	35	37	44	28	29	35
4'6"	S	15	16	19	12	13	15	15	16	19
	D	10	11	13	25	26	31	19	20	25
5'0"	S	12	13	15	10	10	12	12	13	16
	D	7	8	9	18	19	23	14	15	18

Live load factor = 1.5 ; Importance factor = 0.90 ; Importance Category = 1.0

- Notes :**
- 1) Steel conforming to ASTM A653.
  - 2) Limit States Design principle were used in accordance with CSA-S136-16.
  - 3) Values in row « S » are based on strength.
  - 3) Values in row « D » are based on deflection of 1/180.
  - 4) Core crush is not included in resistance values.
  - 5) This load chart was prepared by Dr R.M. Schuster University of Waterloo.

