



ProTile 700 is a pierced fix, light weight metal roof sheeting system. It is designed for commercial as well as residential use. This product consists of 5 large corrugations of 30mm high spaced with 3 smaller corrugations in the middle. Pressed down every 300mm it creates a very aesthetically pleasing Tile effect which has grown very popular in recent years.



Cover width: 700mm  
 Total width: 785mm  
 Coil width: 925mm  
 All dimensions given are nominal  
 Minimum Pitch 10°



## FEATURES

- ProTile 700 is a very rigid span and the absence of flat areas completely eliminates oil canning.
- ProTile 700 is durable and light weight, and can be accommodated with a lighter roof structure which adds to reducing costs.
- ProTile 700 covers a wide area and is aesthetically pleasing.
- Due to the pressed in profile, ProTile 700 cannot be factory-cranked or curved.

## APPLICATIONS

ProTile 700 is ideal for Residential applications due to the popularity of standard roof tiles, with the added benefit of being durable and light weight in the steel roof sheet form. ProTile 700 also appeals to commercial applications where aesthetics is important.

## SHEET TOLERANCE

Sheet width: ± 4mm

Sheet length: +5mm, - 0mm.

| MATERIAL OPTIONS                                 |           |
|--|-----------|
|  | Steel     |
| Thickness (mm)                                   | 0.5       |
| Nominal weight/square metre (kg/m <sup>2</sup> ) | 5.03      |
| Draped curved roof - min. radius (m)             | N/A       |
| Purlin spacing                                   | Max 600mm |
| Unsupported overhang (2)                         | 100       |





## FASTENER DESIGN

ProTile 700 should be fixed with screws to either timber or steel purlins. The use of appropriate length of screw will prevent failure due to "screw pull out" under normal loads.

We recommend a 12x50mm, self-drilling, class 3 TEK screw with a 10mm diameter bonded washer for steel and a 12x85mm, self-drilling, class 3 TEK screw with a 10mm diameter bonded washer on timber. If insulation is used over the purlins, screw length will need to be increased.

Over-tightening will cause dishing of the crest of the profile rib which could in turn lead to leaking.

Fasten ProTile 700 Iron sheets through every 30mm high rib (corrugated crest) along the top and bottom sheet edges. Fasten sheet through every 30mm high rib (corrugated crest) on every purlin for internal spans. Use staggered pattern to reduce the thermal expansion bulge.

### Pretoria

69 Willem Cruywagen Street  
Klerksoord, Rosslyn, Pretoria.  
Tel: +27 12 542 7554  
E-mail: sales-pta@prorooft.co.za  
GPS Coordinates: S 25° 37' 58.4"  
E 028° 07' 43.9"

### Cape Town

27 Junction Road, Tygerberg Business Park  
Parow Industria.  
Tel: +27 21 959 9000 Fax: +27 21 951 5004  
E-mail: sales-cpt@prorooft.co.za  
GPS Coordinates: S 33° 92' 95.81"  
E 18° 61' 42.18"

### Vereeniging

2 Nuffield Street  
Duncanville, Vereeniging.  
Tel: +27 12 542 7554 Fax: +27 16 450 5884/6  
E-mail: sales-vrn@prorooft.co.za  
GPS Coordinates: S 26° 66' 30.74"  
E 27° 93' 54.48"