

FLEXIDECK

ROOFING SYSTEM

THE LONG LASTING
STEEL ROOFING & WALL CLADDING

FLEXI DECK ROOFING SYSTEM

FLEXI DECK is an attractive, lightweight roofing solution for your buildings. It is one of the most popular products with high structural performance which make it ideal for roofing and wall cladding. Besides, it is available in long length so you could have one sheet from the ridge to gutter without end laps. It is economical to use with its great spanning capability compare to other profiles and as such it could reduce the steel purlin cost.

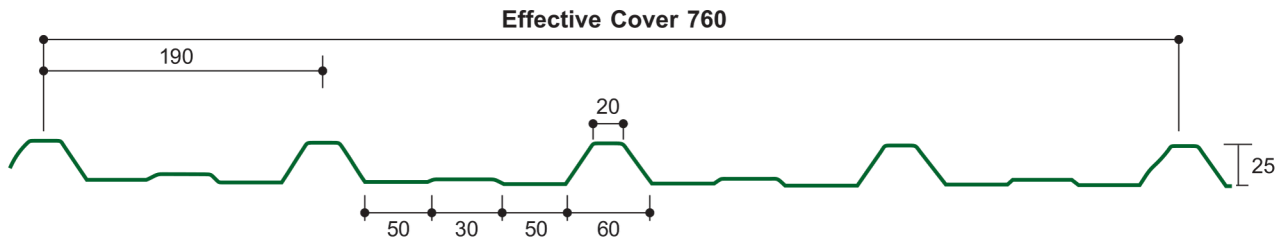
- *Available in Prepainted Steel, 55% Aluminium Zinc and Hot Dipped Galvanised Material*
- *High strength and rigidity profile design*
- *Anti-leakage feature with build in drainage*

Another
quality product
from



For Flexi Deck Roofing & Cladding

Profile



Specification

Steel Grade	Total Coated Thickness mm	Mass Kg/m ²	Width Coverage mm	Rib Height mm
G300/G550	0.48	4.5	760	25
G300/G550	0.43	4.1	760	25
G300/G550	0.35	3.3	760	25
G300/G550	0.30	2.9	760	25

Recommended Pitch

5° minimum

Maximum Recommended Support Spacings

ROOF			WALL			Max Roof Overhang Unsupported mm
Single Span mm	End Span mm	Internal Span mm	Single Span mm	End Span mm	Internal Span mm	
1000	1000	1000	1200	1200	1200	150

Flexi Deck Loading Tables

SPAN m		0.9	1.05	1.2	1.35	1.5	1.65	1.8
Safe Distributed Load	kPa	6.1	4.5	3.4	2.7	2.2	1.8	1.5
Deflection Under Above Load	mm	3.0	3.0	5.0	6.0	7.0	9.0	10.0
Safe Wind Uplift	kPa	3.7	3.2	2.8	2.5	2.2	1.8	1.6

Handling

Care should be taken to avoid dragging sheets which will cause scratching and scouring to the coated surface.

Lengths

Flexi Deck is available at any length subject to availability of suitable transport and handling facilities. Recommended length maximum up to 12m.

Stop Ending

At ridges and end walls where the roof pitch is low, the tray between the ribs should be turned up at the high end of the roof and turned down slightly at the low end. This is necessary to prevent capillary action on the underside of the roofing.

FOR MORE INFO,
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