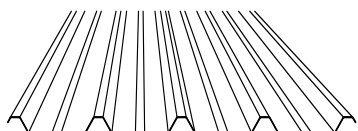


GRS Nu-Rib

Global Roofing Solutions Nu-Rib™



Talk to us, **THE SMART ROOF PEOPLE**
Visit www.globalroofs.co.za or email
info@globalroofs.co.za



GRS Nu-Rib



 **GRS**
GLOBAL ROOFING SOLUTIONS
BrownBuilt | HH Robertson

Typical specification

Materials

The roofing / side cladding shall be Nu-Rib™ profile, in (select from below). Nu-Rib™ is obtained from Global Roofing Solutions (PTY) Ltd.

Material	Steel	Colour One Side	Colour Two Side
Galvanised Z275	ISQ 550	_____	_____
Chromadek® Z200		✓	Special
Zincalume® AZ150	G550	_____	_____
Clean COLORBOND™ AZ150		✓	Special
ZincAL® AZ150	G550	_____	_____
COLORPLUS® AZ150		✓	Special

The Profile

The profile shall have five trapezoidal ribs at 190.5 mm centres giving a nett cover of 762 mm with one stiffener rib in each pan (optional). The rib height shall be 28.6 mm.

Embossing

Nu-Rib™ sheeting can be embossed for thicknesses not less than 0.5 mm. Embossing provides a quality textured finish to the sheet and reduces glare, minimises potentially unsightly "oil canning" and enhances the appearance of a metal clad building. Full hard materials are available lightly embossed.

Assembly

The Nu-Rib™ sheeting shall be laid in strict accordance with the manufacturer's specification.

Sheet length

Nu-Rib™ is available in sheet lengths limited only by transport restrictions, normal loads 12.5 m. With special transport arrangements lengths up to 18.6 m can be delivered.

Flashings

Stop endings must be formed at the apex to form a dam and the pan turned down to form a drip. The roof sheeting

shall be closed as necessary with purpose made flashings and polyclosures where necessary.

Roof pitch

Nu-Rib™ may be used at a minimum roof pitch of 7.5° for sheet lengths up to 20m. A minimum of 10° is required for sheet lengths greater than 30 m. For both conditions an approved end-lap sealing strip is recommended.

Cranking

Nu-Rib™ can be cranked from a minimum radius of 450 mm.

Curving

Nu-Rib™ can be curved to any radius greater than 600 mm subject to transportation limits.

Site handling

Nu-Rib™ sheets should be supported clear of the ground and kept well ventilated under cover until required to be installed.



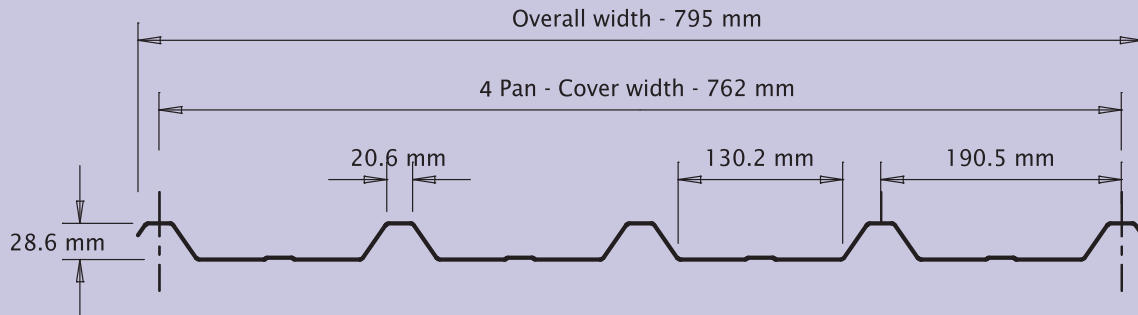
Cleaning up

The complete roof must be cleaned of all debris before handing over.

Quality assurance

The manufacturer shall be assessed and certified as complying with ISO 9001:2008 Quality Management System.

Profile : Nu-Rib™

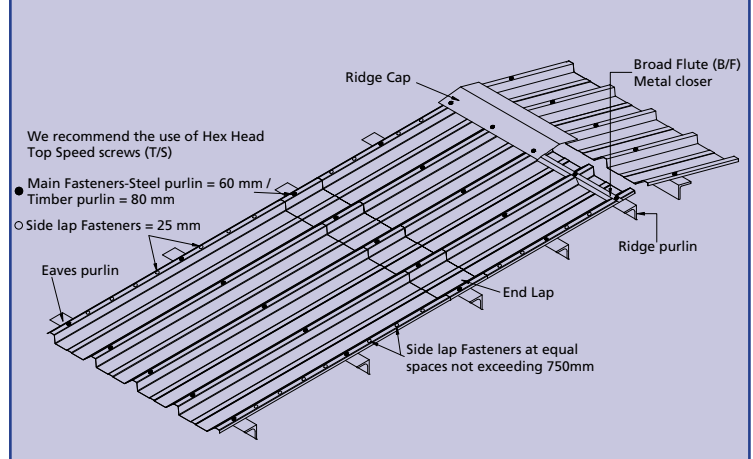
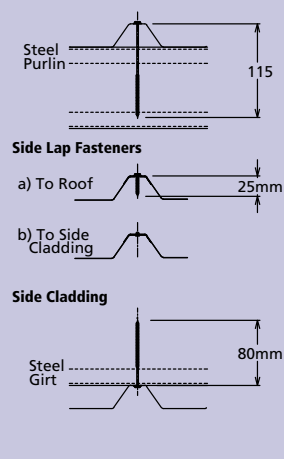
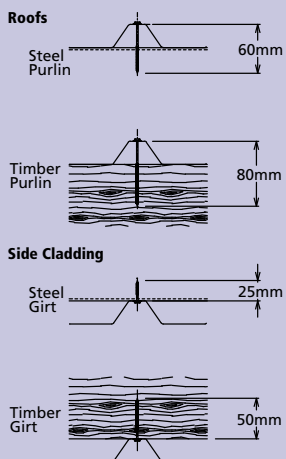


Maximum Allowable Support Spacings

TYPE OF SPAN	GALVANISED / CHROMADEK®			ZINCALUME® / COLORBOND™		ZINCAL® / COLORPLUS®	
	0.5 mm ISQ 550	0.58 mm ISQ 300	0.8 mm ISQ 230	0.47 mm G550	0.53 mm G550	0.5 mm G550	0.55 mm G550
Roofs							
Single Span	1.300 m	1.400 m	1.600 m	1.300 m	1.400 m	1.300 m	1.400 m
Internal Span	1.550 m	1.650 m	1.900 m	1.550 m	1.650 m	1.550 m	1.650 m
Cantilever	0.400 m	0.450 m	0.550 m	0.400 m	0.450 m	0.400 m	0.450 m
Walls							
Single Span	1.800 m	1.950 m	2.200 m	1.800 m	1.950 m	1.800 m	1.950 m
Internal Span	2.200 m	2.350 m	2.750 m	2.200 m	2.350 m	2.200 m	2.350 m
Cantilever	0.900 m	1.000 m	1.150 m	0.900 m	1.000 m	0.900 m	1.000 m
Normal mass kg/m2	4.9	5.7	7.8	4.4	5.2	4.7	5.3

Note

Fasteners must be selected to match the life expectancy of the roofing and cladding material. Class 3 fasteners, complying with SANS 1273, should be used in conjunction with all roofing and cladding material. For a full range of compatible fasteners, please refer to the GRS Installation Manual.

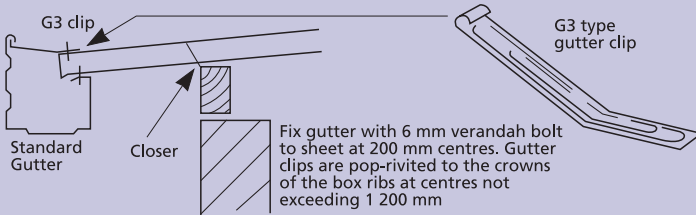


Popular flashings

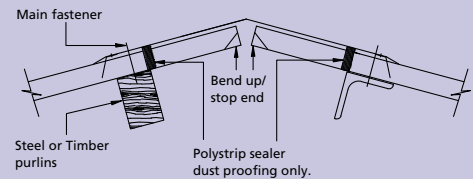
Available in 0.58 mm / 0.8 mm thick commercial quality galvanised Z275 steel, 0.53 mm thick Zinalume® AZ150 or 0.55 mm thick ZincAL® AZ150. Or with a colour option

Chromadek® (Galvanised Z200), Clean COLORBOND™ (Zinalume® AZ150) or COLORPLUS® (ZincAL® AZ150) finish to one / two sides.

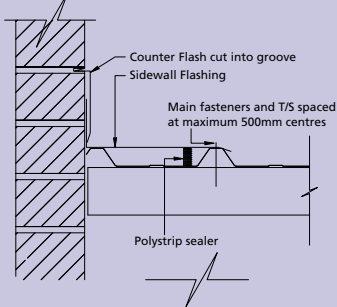
Gutter detail



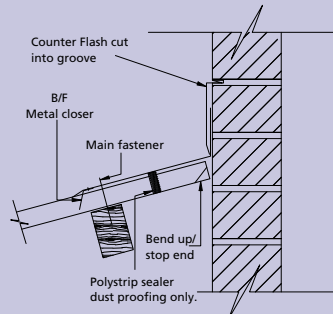
Ridge cap



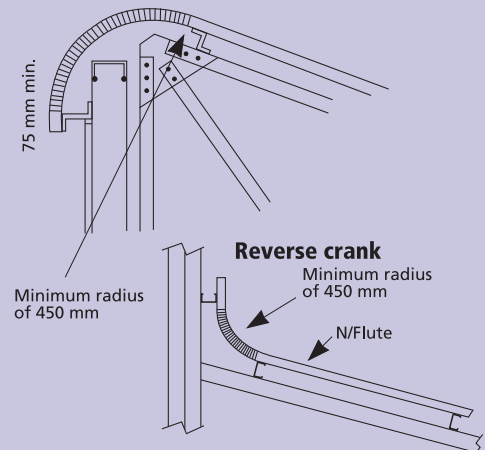
Sidewall flashing



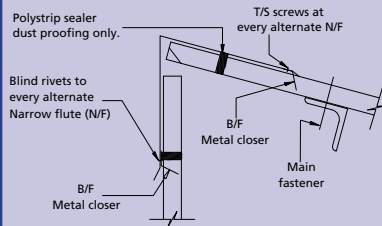
Headwall flashing



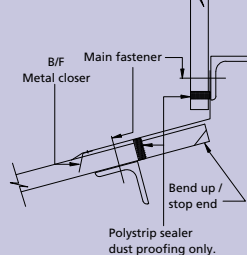
Bullnosing



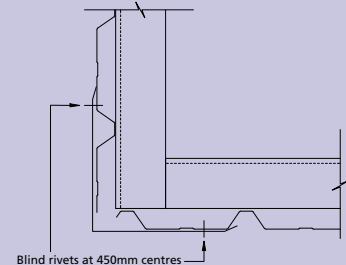
Apex flashing



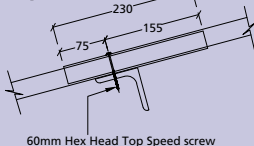
Headwall flashing



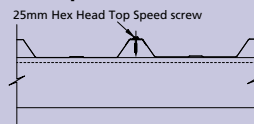
Corner trim



End lap



Side lap



Please visit our website or contact GRS for standard flashing details

Boksburg
Cape Town
Durban
East London
Bloemfontein
Rustenburg

Tel: (011) 898 2900
Tel: (021) 521 1900
Tel: (031) 579 7555
Tel: (043) 731 1895/98
Tel: (051) 432 3724/6
Tel: (041) 596 6121

Fax: (011) 892 1455
Fax: (021) 556 6936
Fax: (031) 579 5627
Fax: (043) 731 1926
Fax: (051) 432 3723
Fax: 086 644 8344

Zambia
Botswana
Namibia
GRS Exports
Helm Engineering

Tel: +260967495541
Tel: +267 3105761
Tel: +264(0)61 263890
Tel: (011) 898 2900
Tel: (011) 876 1300

Fax: +267 3105762
Fax: +264(0)61 263890
Fax: (011) 892 1455
Fax: (011) 876 1304