

SAFLOK 700

■ concealed fix roofing ■

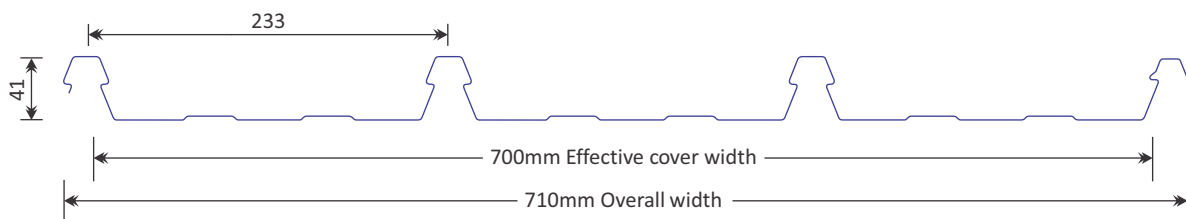
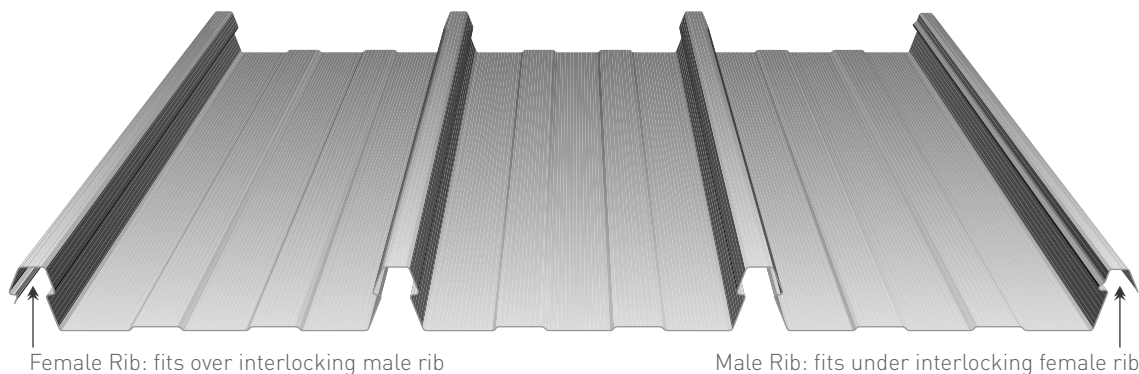
INSTALLATION AND FLASHING DETAIL

Safintra roll-forms steel roofing in a range of profiles that fulfil the most demanding artistic, design and engineering parameters.

SAFLOK 700 is a concealed fix profile, with an angular interlocking standing seam trapezoidal rib profile roll formed on mobile mills countrywide. Cover width: 700mm.

The Saflok 700 concealed fix profile is ideal for low and medium wind load conditions.

Mobile mills enable Saflok® roof cladding to be rolled on site in continuous lengths of up to 120 metres.

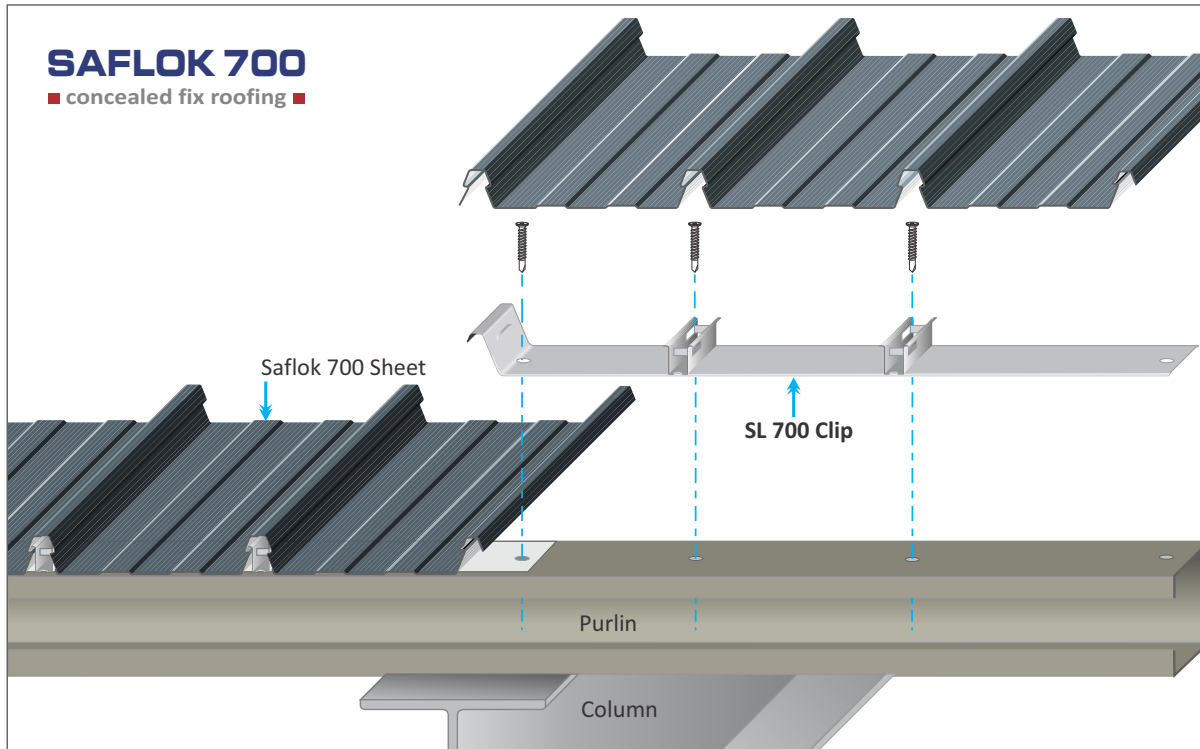


The fully interlocking SAFLOK 700 clip incorporates two anchors to clasp the two inner ribs and a dual action component to positively hold down the male-female joint.

STANDARD INSTALLATION DETAILING (WIND CATEGORY 3 & 4)

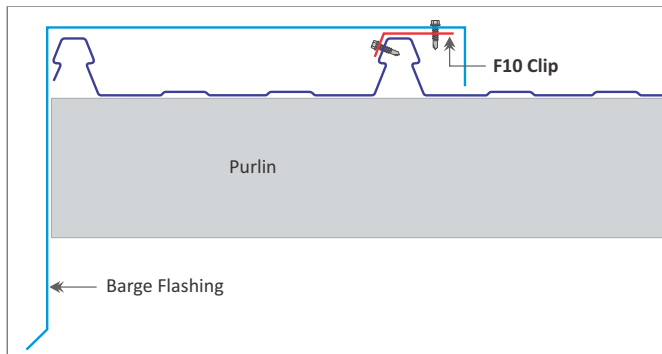
Note 1: sheets are always laid into the prevailing weather. The first sheet is laid on the leeward (downwind) edge of the roof, with a female rib on the outermost edge.

Note 2: If using a bullnosed sheet, bear in mind that the bullnosing is specific to the orientation of the roof surface, and should be specified in your order eg: 20 sheets L to R, 20 sheets R to L.



See installation video at www.youtube.com/watch?v=1836rLR6IEg

F10 BRACKET FOR FLASHINGS



Note: this clip is positively fixed. Care should be taken when detailing industrial-length sheeting and flashing due to thermal expansion.

Safintra recommends the use of a Flashing Slider Clip for very long sheets. Please consult our Technical Department for assistance.

SAFLOK 700 ROLLING MILL

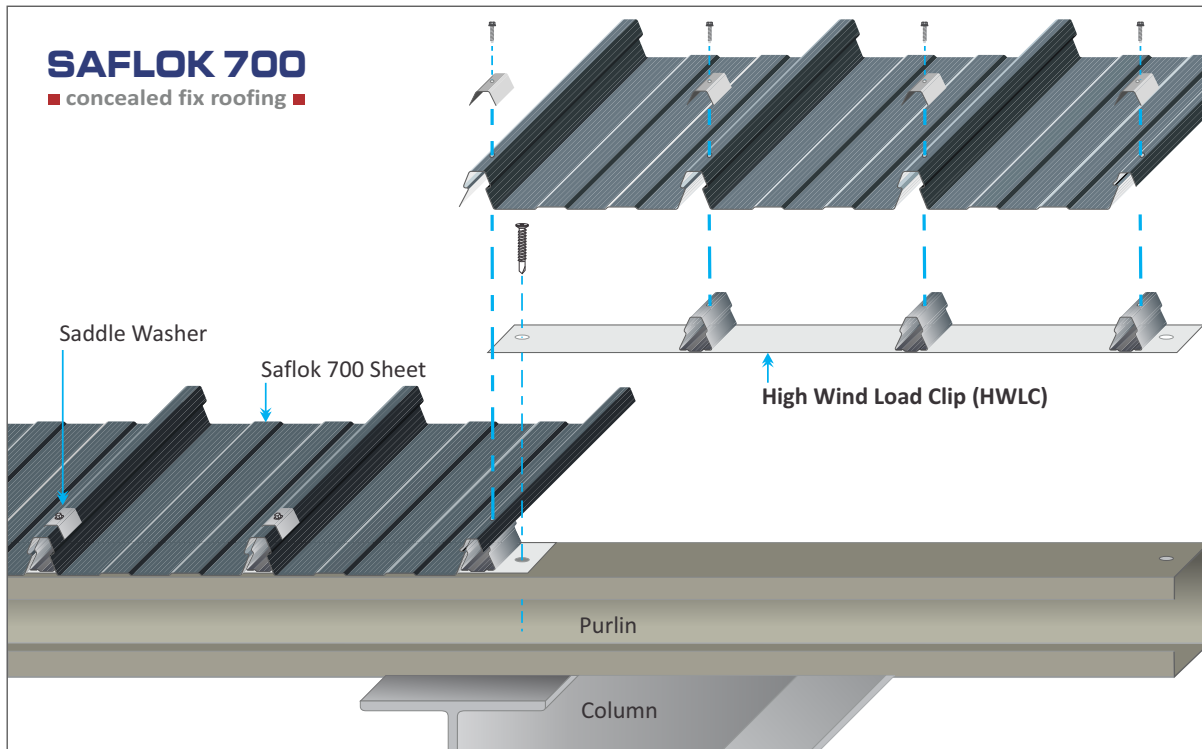


DRAINAGE TABLE

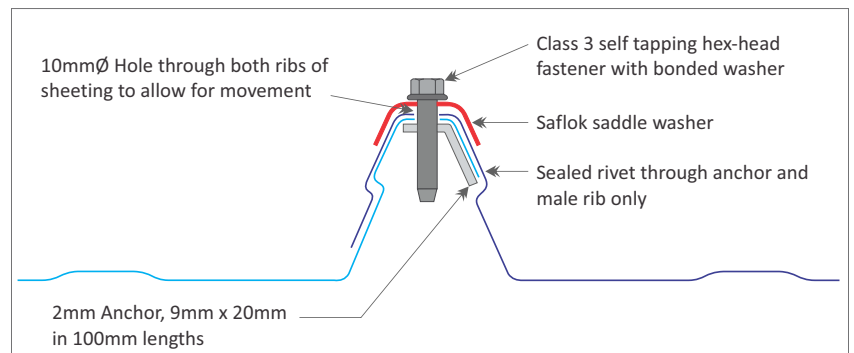
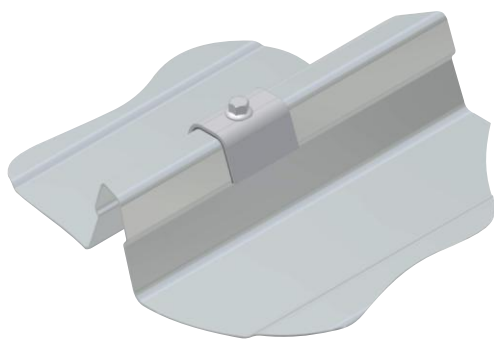
Recommended sheet lengths for roof slopes and rainfall intensities shown. Longer sheets may lead to pooling.

RAINFALL INTENSITY MM/HOUR	ROOF SLOPE				
	2°	3°	5°	8°	10°
250	75m	90m			
300	65m	75m	95m		
400	50m	55m	70m	80m	90m
500	40m	45m	55m	65m	70m

HIGH WIND LOAD INSTALLATION DETAILING (WIND CATEGORY 2 & COASTAL WIND BELT)



HIGH WIND LOAD SYSTEM: MID SPAN FIXING DETAIL AT EAVES

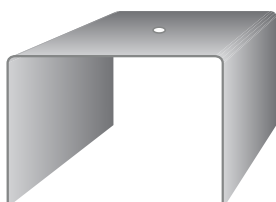


For aluminium material, we recommend positive fixing on exposed eave purlins, in conjunction with a saddle washer. Allowance for thermal expansion and sheet movement should be accommodated with a pre-drilled and slotted hole.

SPECIALISED FIXING ACCESSORIES

INSULATION SPACER

For any blanket insulation thicker than 50mm, spacers need to be used. Spacers can be manufactured to specific requirements.



POLYSLIDER CLIP

For use with Saflok polycarbonate sheeting. Must be installed with saddle washer. Polycarbonate sheets must be positively fixed - consult our technical department for advice.



STANDARD FLASHINGS & APPLICATION DIAGRAMS

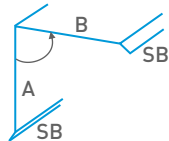
Flashings and closures are made for particular applications and locations on the roof, with variations to suit the specific profile being used.

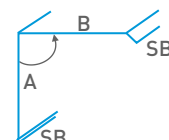
Industrial and commercial flashings tend to be functional more than aesthetic, and Safintra makes a range of standard flashings which are suitable for this purpose.

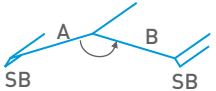
Safintra is also able to produce most custom designed flashings - please ask your local branch for more information.

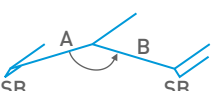
Flashings are usually made in the same material as the roof, for colour matching. Safintra flashings are offered in Aluminium-Zinc coated steel and in Aluminium.

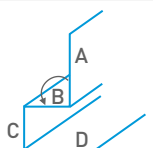
Please speak to our Flashings Department for further guidance and technical assistance.

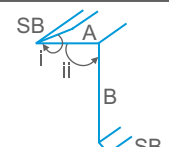
Apex Flashing 	Dimensions (A x B)	330 x 330
	Angle	As required
	Girth	660

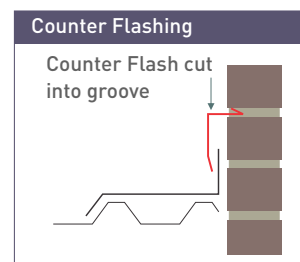
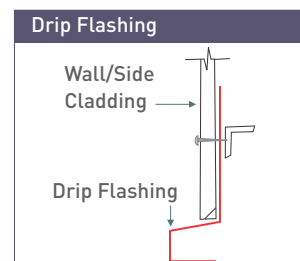
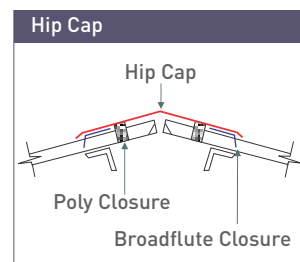
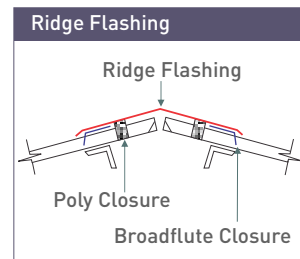
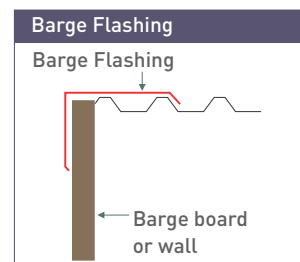
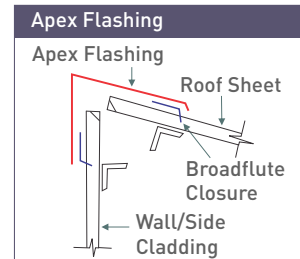
Barge Flashing 	Dimensions (A x B)	330 x 330
	Angle	90°
	Girth	660

Ridge Flashing 	Dimensions (A x B)	231 x 231
	Angle	140°
	Girth	462
	Comments	Use with broad flute closure.

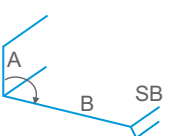
Hip Cap 	Dimensions (A x B)	231 x 231
	Angle	128°
	Girth	462
	Comments	Use with broad flute closure.

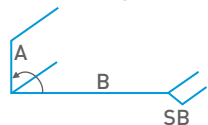
Drip Flashing 	Dimensions (A x B x C x D)	111 x 60 x 25 x 35
	Angle	92°
	Girth	231


Counter Flashing 	Dimensions (A x B)	13 x 30 x 142
	Angle	88°
	Girth	185




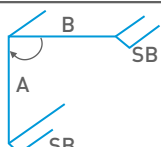
STANDARD FLASHINGS & APPLICATION DIAGRAMS

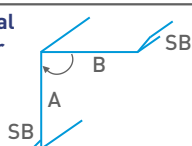
Headwall Flashing 	Dimensions (A x B)	154 x 308
	Angle	As required
	Girth	462

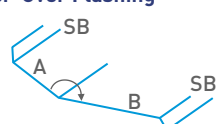
Side Wall Flashing 	Dimensions (A x B)	154 x 270 x 38
	Angle	90°
	Girth	462

Valley Flashing 	Dimensions (A x B)	231 x 231
	Angle	140°
	Girth	462

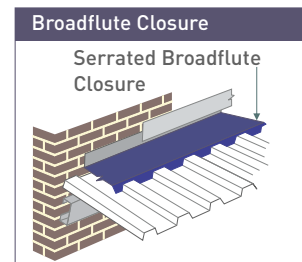
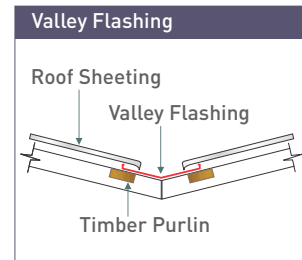
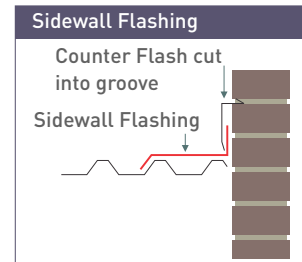
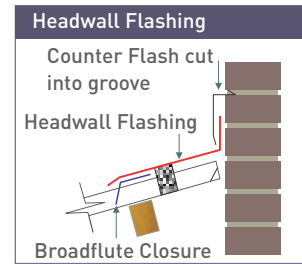
Broadflute Closure 	Length Of Closure	700
	Comments	Need one closure per roof sheet.

External Corner 	Dimensions (A x B)	330 x 330 x 38 x 38
	Angle	90°
	Girth	736

Internal Corner 	Dimensions (A x B)	330 x 330 x 38 x 38
	Angle	90°
	Girth	736

Under-Over Flashing 	Dimensions (A x B)	150 x 287
	Angle	128°
	Girth	437

All dimensions given in millimetres



SAFINTRA SOUTH AFRICA: www.safintra.co.za

JOHANNESBURG

4 Fobian Street, Hughes Ext. 31, Boksburg, South Africa
P.O. Box 26060, East Rand, 1462, South Africa
Tel: 0861 SAFJHB (723 542)
Fax: (011) 823 4288

PORT ELIZABETH

253 Grahamstown Road, Deal Party, Port Elizabeth, South Africa
P.O. Box 27825, Green Acres, 6057, South Africa
Tel: (041) 486 2791
Fax: (041) 486 3472

CAPE TOWN

Goud Crescent, Mida Park, Brackenfell, South Africa
P.O. Box 1690, Brackenfell, 7561, South Africa
Tel: (021) 981 3130
Fax: (021) 982 2248

POLOKWANE

Unit F53/12, Seshego Industrial Park, Polokwane, South Africa
P.O. Box 55748, Polokwane, 0700, South Africa
Tel: (015) 223 1009
Fax: (015) 223 0122

DURBAN

30 Lanner Road, New Germany, Durban, South Africa
P.O. Box 968, New Germany, 3620, South Africa
Tel: (031) 713 3600
Fax: (031) 705 4564

NELSPRUIT

10 Water Lily Street, Riverside, Industrial Ext. 12
Nelspruit, South Africa
P.O. Box 2149, White River, 1240, South Africa
Tel: (013) 750 2060
Fax: (013) 750 2058

SADC OPERATIONS: www.safintra.com

MOZAMBIQUE

Safintra Mozambique Lda
Rua 13006, Talhao 18, Parcela 728, Fomento
Matola, Maputo, Mozambique
Tel: +258 21 901 935 / 901 936
Fax: +258 21 901 937

RWANDA

Safintra Rwanda Limited
Plot No 2971, Nyamata Road, Kicukiro, Kigali, Rwanda
Tel: +250 252 580 083 / 252 580 588

ZAMBIA

Safintra Zambia Ltd
7239 Mukatasha Road, Light Industrial Area, Lusaka, Zambia
Tel: +260 211 288 155 / 156
Fax: +260 211 288 640

MALAWI

Steel Supplies Limited t/a Safintra Malawi
Plot No. NY 319, Makata Industrial Area, Blantyre, Malawi
Tel: +265 1 870 577 / 116 / 876
Fax: +265 1 871 014

3760 Luano Road, Kitwe, Zambia
Tel: +260 1 211 900 / 211 901
Fax: +260 1 211 902

Area 28/93, Kanengo, Lilongwe, Malawi
Tel: +265 1 712 000 / 1 / 2 / 3
Fax: +265 1 712 005

ANGOLA

Gainvest SA
Rua Frederic Welwitsch 10- Primeiro Andar D
Gainvest Sarl, Caixa Postal 2823, Luanda, Angola
Tel: +244 222 432 282 / 244 222 445 797
Fax: +244 222 432 286