



Picture: Walter Schmid Bedachungen GmbH

- For complete sloped roofs
- For partial pitched roofs with interlocking tiles/double interlocking tiles
- With standard solutions for inner corners

Solrif

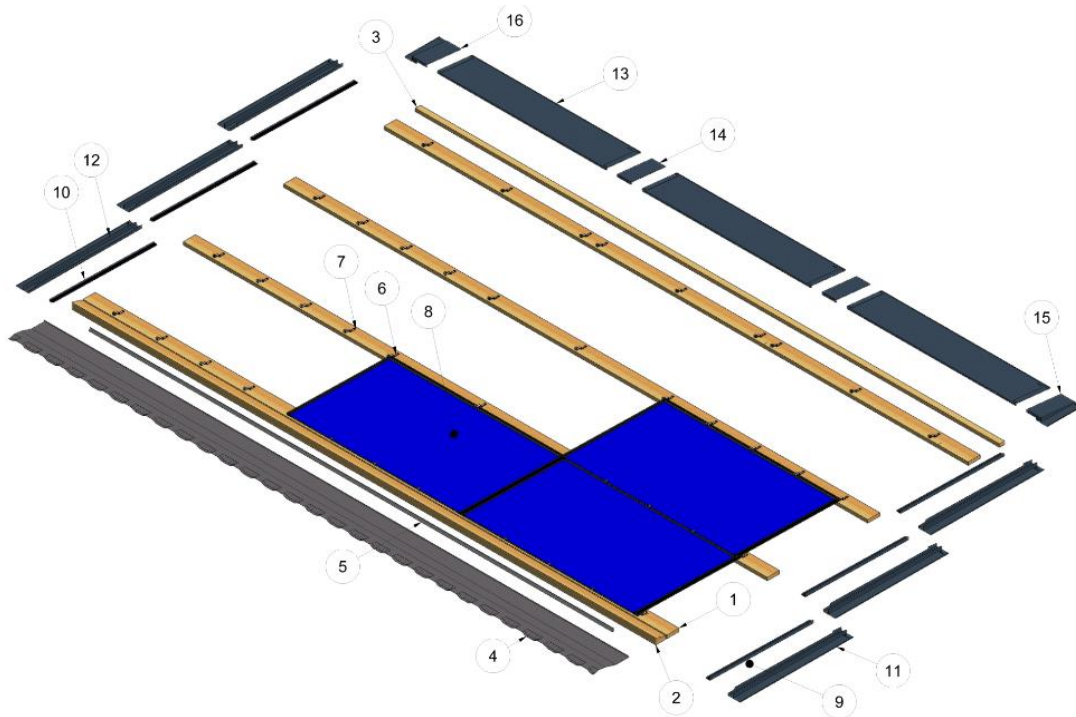
The patented photovoltaic in-roof mounting system from Schweizer, turns a frameless standard module into a solar roof tile and replaces the classic tiled roofing for pitched roofs. Based on this mature technology, leading PV module manufacturers offer their modules with the Solrif frame.

Standard accessories

Schweizer offers a comprehensive range of accessories for mounting the Solrif framed PV modules and for typical connection situations. This assortment is shown in this article and price list.

On-site material

The actual demand for wooden slats and roof foils depends on the sub roof of the building. This material must be procured on the part of the building contractor.



- | | |
|-------------------------------------|--------------------------|
| 1 Solrif batten | 9 Flashing profile right |
| 2 Wedge plank | 10 Flashing profile left |
| 3 Supporting batten | 11 Side Flashing right |
| 4 Connecting sheet | 12 Side Flashing left |
| 5 Eaves profile with profile fixing | 13 Top Flashing |
| 6 Mounting clamp profile | 14 Top Flashing joiner |
| 7 Mounting clamp glass | 15 Corner Flashing right |
| 8 Solrif PV-Module | 16 Corner Flashing left |

Solrif flashing for inner corners
Aluminium RAL 9005

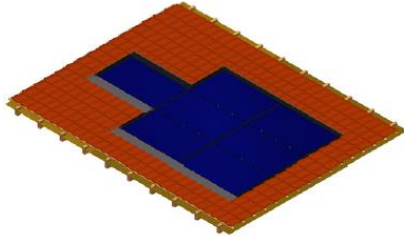


Fig. 1: Inner corner left

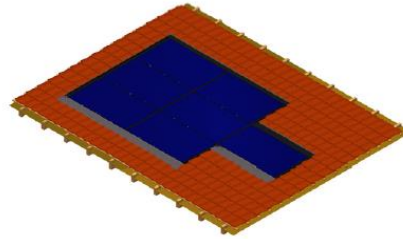


Fig. 2: Inner corner right

Inner corner flashings at the top are realised with the respective corner flashing and top standard flashing that is shortened compared to the Solrif module.

Side flashing for top corners = standard side flashing – 200 mm.
Top flashing for upper corners = standard top flashing – 153 mm*.

*Note: Depending on the article, it is also possible that a flashing reduced by 154 mm will be used. If the top flashing is located between two corners, a top flashing that is 306 mm shorter must be used.

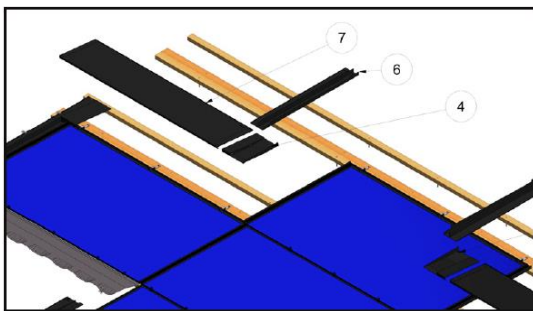


Fig. 3: Inner corner top left

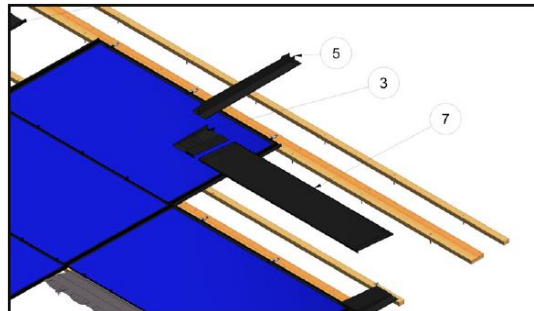


Fig. 4: Inner corner top right

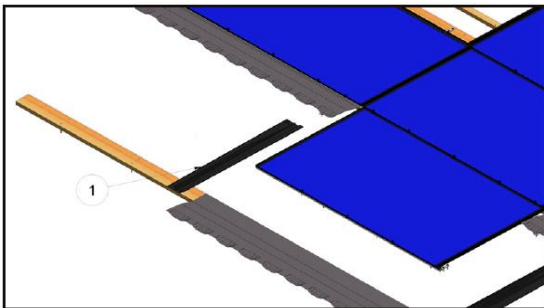


Fig. 5: Inner corner bottom left

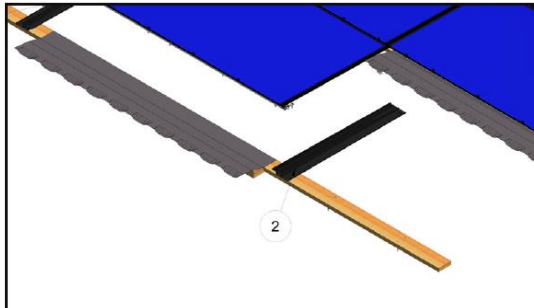


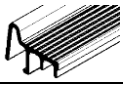
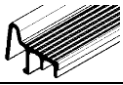

Fig. 6: Inner corner bottom right

- 1 Side Flashing IL
- 2 Side Flashing IR
- 3 Corner Flashing IL
- 4 Corner Flashing IR

- 5 Side Flashing short right
- 6 Side Flashing short left
- 7 Corner Flashing short

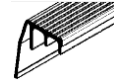

Solrif N flashing profiles

Laminate thickness up to max. 5.2mm

Part description	E/N	Article number	PU	PQ		Material	mm		
							Width	Height	Length
Flashing profile left black RAL 9005		345N400L - 345N1199L	50	-		Aluminium EN AW-6063 T66	35	25	400 - 1199
Flashing profile right black RAL 9005		346N400L - 346N1199L	50	-		Aluminium EN AW-6063 T66	35	25	400 - 1199

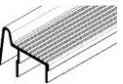
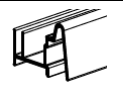
Solrif N flashing profiles 40mm

Laminate thickness up to max. 5.2mm

Flashing profile left black RAL 9005 40mm		347N400L - 347N1199L	50	-		Aluminium EN AW-6063 T66	34	41	400 - 1199
Flashing profile right black RAL 9005 40mm		348N400L - 348N1199L	50	-		Aluminium EN AW-6063 T66	35	25	400 - 1199

Solrif D flashing profiles

Laminate thickness up to max. 8mm

Flashing profile left black RAL 9005		345D400L - 345D1199L	50	-		Aluminium EN AW-6063 T66	37	28	400 - 1199
Flashing profile right black RAL 9005		346D400L - 346D1199L	50	-		Aluminium EN AW-6063 T66	36	28	400 - 1199

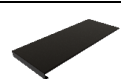

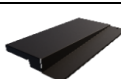
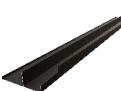
Please note: Items marked with an E expire and are only available for a limited time. Articles marked with N are new.

Part description	E/N	Article number	PU	PQ		Material	mm		
							Width	Height	Length

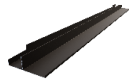
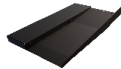
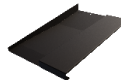
Solrif Flashing sheets for hip tiles/double hip tiles

Top flashing black RAL 9005 Module width 1795-1845mm		21898	10	60		Aluminium EN AW-6063 T66	341	21	1771
Top flashing black RAL 9005 Module width 1744-1794mm		21733	10	60		Aluminium EN AW-6063 T66	341	21	1720
Top flashing black RAL 9005 Module width 1692-1743mm	E	21575	10	60		Aluminium EN AW-6063 T66	341	21	1669
Top flashing black RAL 9005 Module width 1641-1691mm		21579	10	60		Aluminium EN AW-6063 T66	341	21	1617
Top flashing black RAL 9005 Module width 1590-1640mm	E	21640	10	60		Aluminium EN AW-6063 T66	341	21	1566
Top flashing black RAL 9005 Module width 1539-1589mm		21655	10	60		Aluminium EN AW-6063 T66	341	21	1515
Top flashing black RAL 9005 Module width 1488-1538mm		21657	10	60		Aluminium EN AW-6063 T66	341	21	1464
Top flashing black RAL 9005 Module width 1437-1487mm	E	21659	10	60		Aluminium EN AW-6063 T66	341	21	1413
Top flashing black RAL 9005 Module width 1386-1436mm	E	21660	10	60		Aluminium EN AW-6063 T66	341	21	1362
Top flashing black RAL 9005 Module width 1335-1385mm		21985	10	60		Aluminium EN AW-6063 T66	341	21	1311
Top flashing black RAL 9005 Module width 1284-1334mm		21986	10	60		Aluminium EN AW-6063 T66	341	21	1260
Top flashing black RAL 9005 Module width 1233-1283mm		21987	10	60		Aluminium EN AW-6063 T66	341	21	1209
Top flashing black RAL 9005 Module width 723-773mm	N	22996	10	60		Aluminium EN AW-6063 T66	341	21	699
Top flashing black RAL 9005 Module width 570-620mm		22090	10	60		Aluminium EN AW-6063 T66	341	21	546
Top flashing black RAL 9005 Module width 315-365mm		21860	10	60		Aluminium EN AW-6063 T66	341	21	291
Top flashing black RAL 9005 Module width 162-212mm		21988	10	60		Aluminium EN AW-6063 T66	341	21	138



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Part description	E/N	Article number	PU	PQ		Material	mm		
							Width	Height	Length
Top flashing joiner black RAL 9005		21522	10	840		Aluminium EN AW-6063 T66	133	23	342
Corner flashing left black RAL 9005		21523	10	840		Aluminium EN AW-6063 T66	210	41	342
Corner flashing right black RAL 9005		21524	10	840		Aluminium EN AW-6063 T66	210	41	342
Side flashing left black RAL 9005 Module height 1150-1199mm		21895	10	800		Aluminium EN AW-6063 T66	120	36	1268
Side flashing left black RAL 9005 Module height 1050-1099mm		21894	10	800		Aluminium EN AW-6063 T66	120	36	1168
Side flashing left black RAL 9005 Module height 1000-1049mm	E	21568	10	800		Aluminium EN AW-6063 T66	120	36	1118
Side flashing left black RAL 9005 Module height 950-999mm		21634	10	800		Aluminium EN AW-6063 T66	120	36	1068
Side flashing left black RAL 9005 Module height 900-949mm		21636	10	800		Aluminium EN AW-6063 T66	120	36	1018
Side flashing left black RAL 9005 Module height 850-899mm		21638	10	800		Aluminium EN AW-6063 T66	120	36	968
Side flashing left black RAL 9005 Module height 800-849mm	E	21571	10	800		Aluminium EN AW-6063 T66	120	36	918
Side flashing left black RAL 9005 Module height 750-799mm		21989	10	840		Aluminium EN AW-6063 T66	120	36	868
Side flashing left black RAL 9005 Module height 700-749mm		21705	10	840		Aluminium EN AW-6063 T66	120	36	818
Side flashing left black RAL 9005 Module height 650-699mm		21990	10	840		Aluminium EN AW-6063 T66	120	36	768
Side flashing left black RAL 9005 Module height 600-649mm		21991	10	840		Aluminium EN AW-6063 T66	120	36	718
Side flashing left black RAL 9005 Module height 500-549mm		21992	10	840		Aluminium EN AW-6063 T66	120	36	618
Side flashing left black RAL 9005 Module height 400-449mm		21661	10	840		Aluminium EN AW-6063 T66	120	36	518

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Part description	E/N	Article number	PU	PQ		Material	mm		
							Width	Height	Length
Side flashing right black RAL 9005 Module height 1150-1199mm		21897	10	800		Aluminium EN AW-6063 T66	120	36	1268
Side flashing right black RAL 9005 Module height 1050-1099mm		21896	10	800		Aluminium EN AW-6063 T66	120	36	1168
Side flashing right black RAL 9005 Module height 1000-1049mm	E	21569	10	800		Aluminium EN AW-6063 T66	120	36	1118
Side flashing right black RAL 9005 Module height 950-999mm		21635	10	800		Aluminium EN AW-6063 T66	120	36	1068
Side flashing right black RAL 9005 Module height 900-949mm		21637	10	800		Aluminium EN AW-6063 T66	120	36	1018
Side flashing right black RAL 9005 Module height 850-899mm		21639	10	800		Aluminium EN AW-6063 T66	120	36	968
Side flashing right black RAL 9005 Module height 800-849mm	E	21573	10	800		Aluminium EN AW-6063 T66	120	36	918
Side flashing right black RAL 9005 Module height 750-799mm		21993	10	840		Aluminium EN AW-6063 T66	120	36	868
Side flashing right black RAL 9005 Module height 700-749mm		21707	10	840		Aluminium EN AW-6063 T66	120	36	818
Side flashing right black RAL 9005 Module height 650-699mm		21994	10	840		Aluminium EN AW-6063 T66	120	36	768
Side flashing right black RAL 9005 Module height 600-649mm		21995	10	840		Aluminium EN AW-6063 T66	120	36	718
Side flashing right black RAL 9005 Module height 500-549mm		21996	10	840		Aluminium EN AW-6063 T66	120	36	618
Side flashing right black RAL 9005 Module height 400-449mm		21664	10	840		Aluminium EN AW-6063 T66	120	36	518
Corner flashing IL inner left schwarz RAL 9005		21893	10	840		Aluminium EN AW-6063 T66	203	42	332
Corner flashing IR inner right schwarz RAL 9005		21892	10	840		Aluminium EN AW-6063 T66	203	42	332

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Part description	E/N	Article number	PU	PQ		Material	mm		
							Width	Height	Length
Side flashing IL inner left black RAL 9005 Module height 1150-1199mm		21969	10	800		Aluminium EN AW-6063 T66	147	34	1268
Side flashing IL inner left black RAL 9005 Module height 1100-1149mm		21968	10	800		Aluminium EN AW-6063 T66	147	34	1218
Side flashing IL inner left black RAL 9005 Module height 1050-1099mm		21967	10	800		Aluminium EN AW-6063 T66	147	34	1168
Side flashing IL inner left black RAL 9005 Module height 1000-1049mm	E	21885	10	800		Aluminium EN AW-6063 T66	147	34	1118
Side flashing IL inner left black RAL 9005 Module height 950-999mm		21886	10	800		Aluminium EN AW-6063 T66	147	34	1068
Side flashing IL inner left black RAL 9005 Module height 900-949mm		21887	10	800		Aluminium EN AW-6063 T66	147	34	1018
Side flashing IL inner left black RAL 9005 Module height 850-899mm		21888	10	800		Aluminium EN AW-6063 T66	147	34	968
Side flashing IL inner left black RAL 9005 Module height 800-849mm		21889	10	800		Aluminium EN AW-6063 T66	147	34	918
Side flashing IL inner left black RAL 9005 Module height 700-749mm		21890	10	800		Aluminium EN AW-6063 T66	147	34	818
Side flashing IL inner left black RAL 9005 Module height 400-449mm		21891	10	800		Aluminium EN AW-6063 T66	147	34	518
Side flashing IR inner right black RAL 9005 Module height 1150-1199mm		21972	10	800		Aluminium EN AW-6063 T66	147	34	1268
Side flashing IR inner right black RAL 9005 Module height 1100-1149mm		21971	10	800		Aluminium EN AW-6063 T66	147	34	1218
Side flashing IR inner right black RAL 9005 Module height 1050-1099mm		21970	10	800		Aluminium EN AW-6063 T66	147	34	1168
Side flashing IR inner right black RAL 9005 Module height 1000-1049mm	E	21878	10	800		Aluminium EN AW-6063 T66	147	34	1118
Side flashing IR inner right black RAL 9005 Module height 950-999mm		21879	10	800		Aluminium EN AW-6063 T66	147	34	1068
Side flashing IR inner right black RAL 9005 Module height 900-949mm		21880	10	800		Aluminium EN AW-6063 T66	147	34	1018
Side flashing IR inner right black RAL 9005 Module height 850-899mm		21881	10	800		Aluminium EN AW-6063 T66	147	34	968
Side flashing IR inner right black RAL 9005 Module height 800-849mm		21882	10	800		Aluminium EN AW-6063 T66	147	34	918
Side flashing IR inner right black RAL 9005 Module height 700-749mm		21883	10	800		Aluminium EN AW-6063 T66	147	34	818
Side flashing IR inner right black RAL 9005 Module height 400-449mm		21884	10	800		Aluminium EN AW-6063 T66	147	34	518

Please note: Items marked with an E expire and are only available for a limited time. Articles marked with N are new.

Part description	E/N	Article number	PU	PQ		Material	mm		
							Width	Height	Length
Mounting clamp top long Standard, bare		33954	200	12'000		Stainless steel V2	17	19	82
Mounting clamp top long Sea water resistant, bare		13997	200	12'000		Stainless steel V4	17	19	82
Mounting clamp profile Standard, black		06497	200	12'000		Stainless steel V2	17	39	104
Mounting clamp profile Sea water resistant, bare		13995	200	12'000		Stainless steel V4	17	39	104
Mounting clamp glass Standard, black		52010	200	12'000		Stainless steel V2	17	37	104
Mounting clamp glass Sea water resistant, bare		13996	200	12'000		Stainless steel V4	17	37	104

Solrif D mounting clamps

Mounting clamp top long Standard, bare		05655	200	12'000		Stainless steel V2	17	22	85
Mounting clamp profile Standard, black		05653	200	12'000		Stainless steel V2	17	43	104
Mounting clamp glass Standard, black		05654	200	12'000		Stainless steel V2	17	43	104

Solrif auxiliary accessories

Screw Pan Head 4x35		61831	200	468'000		Stainless steel V2A	-	-	-
Eaves profile	E	21875	10	720		Aluminium EN AW-6063 T66	31	16	1200
Eaves profile black	N	23105	10	720		Aluminium EN AW-6063 T66	31	16	1200
Profile fixing	E	21984	10	26'600		Aluminium EN AW-6063 T66	30	14	59
Valley sealing strip		06736	250			various	30	40	1000

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Part description	E/N	Article number	PU	PQ		Material	mm		
							Width	Height	Length
Connecting sheet Alu-Stretch black Roll 5m	E	21588	1	84		various	300	-	5000
Connecting sheet black Roll 5m	N	23143	1	84		PIB	300	-	5000
Connecting sheet black Roll 5m	N	23144	1	84		PIB	450	-	5000
Connecting sheet red Roll 5m	N	23145	1	84		PIB	300	-	5000
Connecting sheet red Roll 5m	N	23146	1	84		PIB	450	-	5000
Fixing for flashing		05483	100	-		Aluminium EN AW-6063 T66	20	10	37
Roofing nail DIN1160 2.5x25mm		03748	2000	-		Steel ZnNi galvanized	-	-	-
Edge protection profile for dummy modules 5m		21868	1	252		EPDM	30	40	5000
Ground connector Cable cross-section max. 10mm ²		21899	100	-		Steel Inox	16	16	25
Grounding set Cable cross-section 10mm ²		15092	1	100		various	-	-	1800
Dummy module		34020	-	-		various	-	-	-

Solrif sales and installation support

Mounting gauge specific for each module width (Module width + width x height x length)		Specify module width when ordering	1	-		Aluminium EN AW-5005	24	41	89
Demo case RAL 9005 / RAL 8004 incl. lashing profiles and mounting clamps		13833L	1	-		various	382	272	80
Demo case flashing RAL 9005		21867	1	-		various	-	-	-
On site instruction		21966	1/2 day + more h	-		various	-	-	-

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