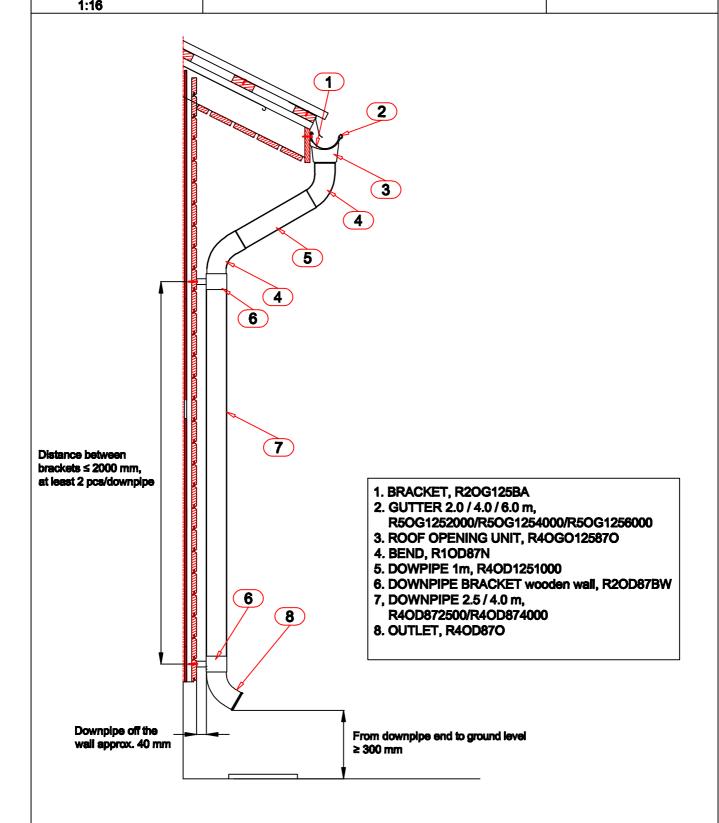


28.02.2006 Drawn by Ruukki	Rev.date 24.08.2012 Rev.	Work nr.	Drw. nr. Re	W.
Scale 4.40	Building		File nr.	





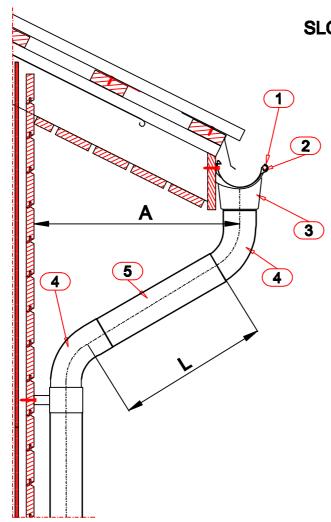
RWS

Straight downpipe

Cutting dimension of sloping downpipe

CEE

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr. Rev.
Drawn by Ruukki	Rev.		
Scale 1.10	Building		File nr.



- 1. BRACKET, R2OG125BA
- 2. GUTTER 2.0 / 4.0 / 6.0 m, R5OG1252000/R5OG1254000/R5OG1256000
- 3. ROOF OPENING UNIT, R4OGO12587O
- 4. BEND, R10D87N
- 5. DOWNPIPE 1 m, R40D1251000

SLOPING DOWNPIPES CUTTING DIMENSION

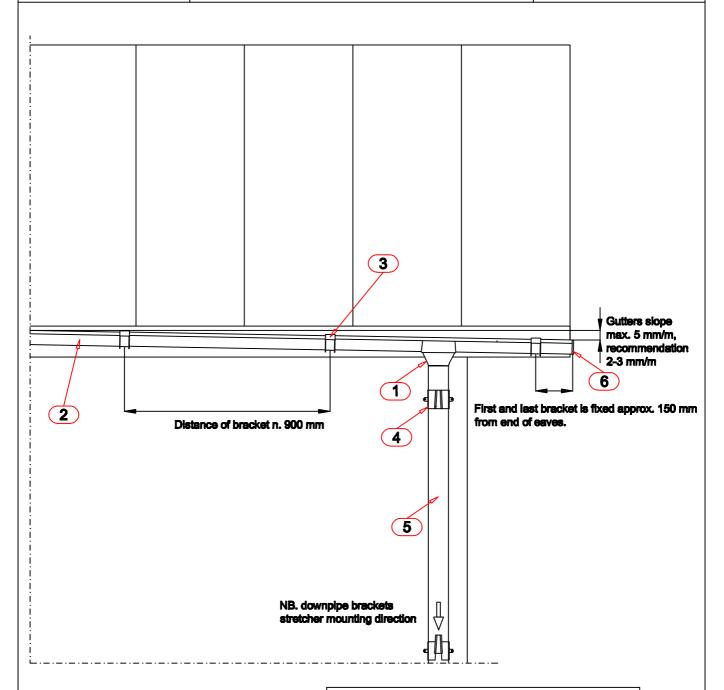
A _(mm)	L _(mm)
500	390
520	410
540	430
560	460
580	480
600	500
620	530
640	550
660	570
680	590
700	620
720	640
740	660
760	690
780	710
800	730
820	760
840	780
860	800
880	830
900	850
920	870
940	890
960	920
980	940
1000	960

TUUKKI

Contents of drawing

RWS

Gutter slope and installing brackets

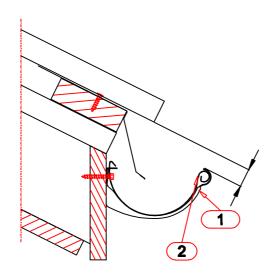


- 1. ROOF OPENING UNIT, R4OGO12587O
- 2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000
- 3. BRACKET, R2OG125BA
- 4. DOWNPIPE BRACKET wooden wall, R2OD87BW
- 5. DOWNPIPE 2.5 / 4.0 m, R4OD872500/R4OD874000
- 6. GUTTER END PIECE, R5OG125EU

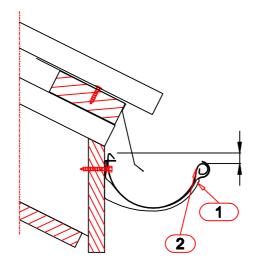


RWS Installing gutter CEE

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr. Rev.
Drawn by Ruukki	Rev.		
Scale 1.5	Building		File nr.



First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥25 mm.

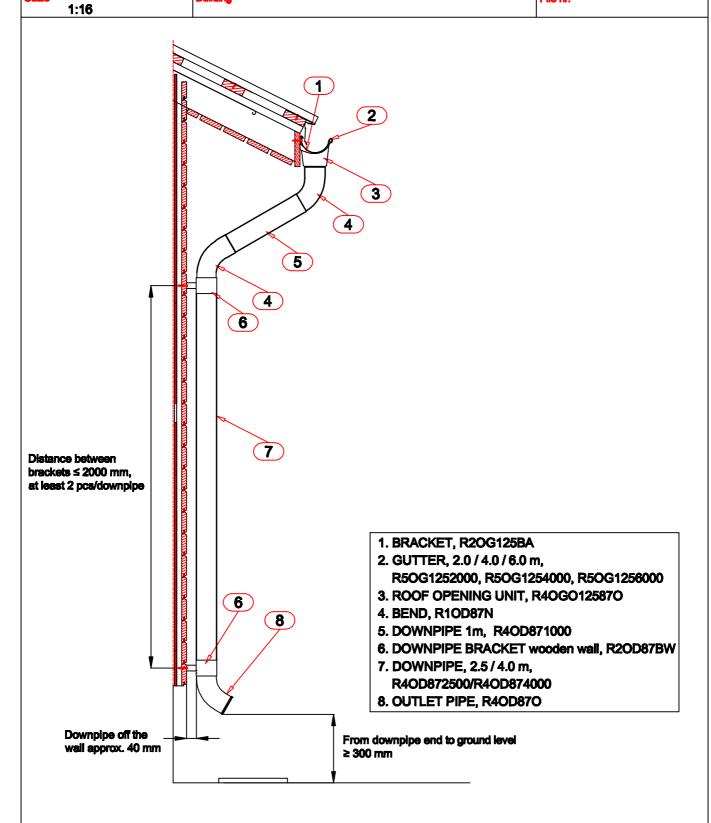


Gutters rear end should be ≥6 mm higher than front edge.

- 1. BRACKET, R2OG125BA
- 2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000



Date 28.02.2006	Rev.date 24.08.2012	Work nr.	Drw. nr. Rev.
Drawn by Ruukki	Rev.		
Scale	Building		File nr.





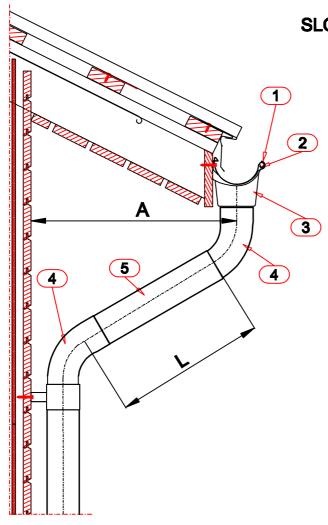
RWS

Straight downpipe

Cutting dimension of sloping downpipe

CEE

28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr. Rev.
Drawn by Ruukki	Rev.		
Scale 1·10	Building		File nr.



SLOPING DOWNPIPES CUTTING DIMENSION

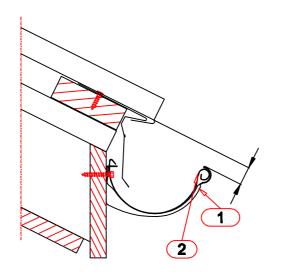
A _(mm)	L _(mm)
500	390
520	410
540	430
560	460
580	480
600	500
620	530
640	550
660	570
680	590
700	620
720	640
740	660
760	690
780	710
800	730
820	760
840	780
860	800
880	830
900	850
920	870
940	890
960	920
980	940
1000	960

- 1. BRACKET, R2OG125BA 2.GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000
- 3. ROOF OPENING UNIT, R4OGO12587O
- 4. BEND, R10D87N
- 5. DOWNPIPE 1m, R4OD871000

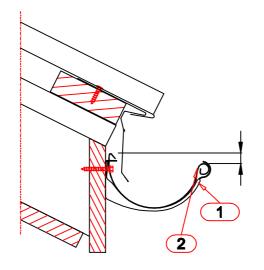


RWS Installing gutter CEE

Date 28.02.2006 Drawn by Ruukki	Rev. date 24.08.2012 Rev.	Work nr.	Drw. nr.	Rev.
Scale 1:5	Building		File nr.	



First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥25 mm.

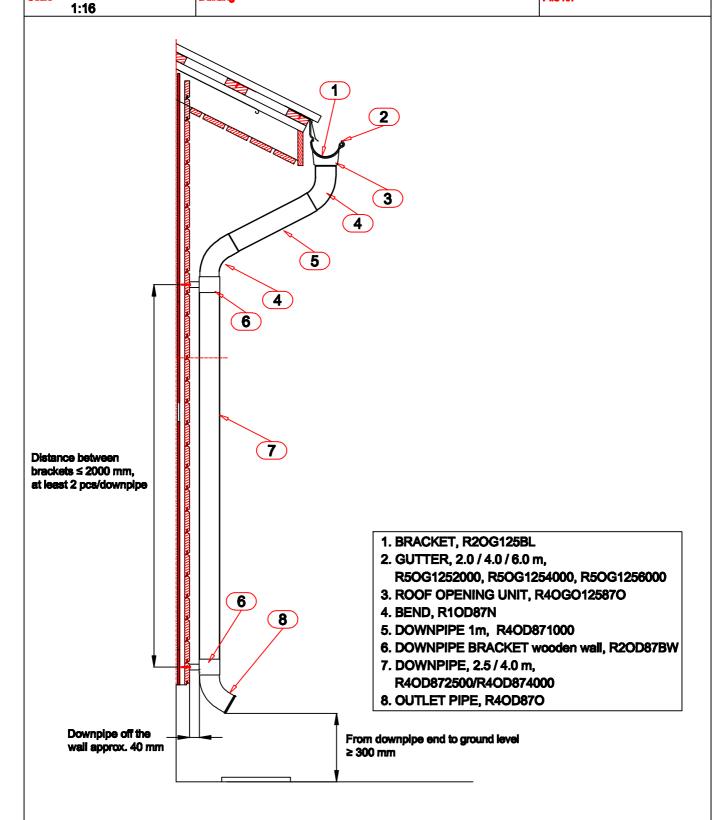


Gutters rear end should be ≥6 mm higher than front edge.

- 1. BRACKET, R2OG125BA
- 2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000



Date 28.02.2006	Rev.date 24.08.2012	Work nr.	Drw. nr. Rev.
Drawn by Ruukki	Rev.		
Scale	Building		File nr.





Straight downpipe

Cutting dimension of sloping downpipe

960

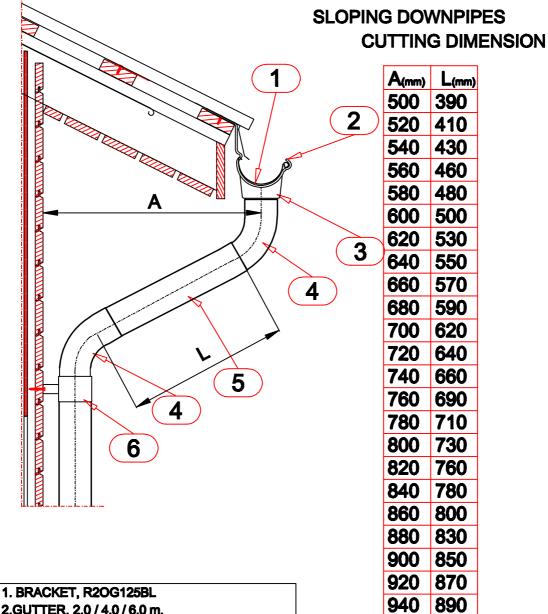
980

1000 960

920

940

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:10	Building		File nr.	



- 2.GUTTER, 2.0 / 4.0 / 6.0 m.

R5OG1252000, R5OG1254000, R5OG1256000

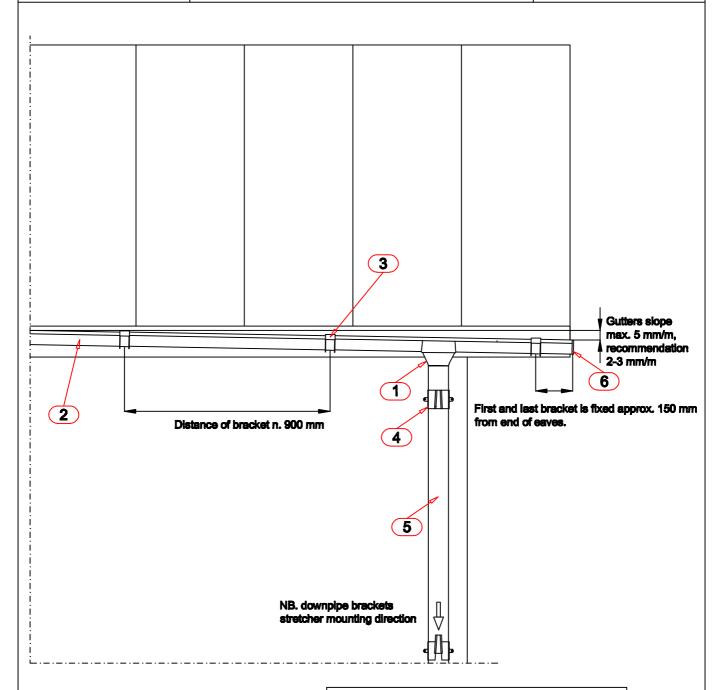
- 3. ROOF OPENING UNIT, R4OGO12587O
- 4. BEND, R10D87N
- 5. DOWNPIPE 1m, R40D871000

TUUKKI

Contents of drawing

RWS
Gutter slope and installing brackets
CEE

28.02.2006 Drawn by Ruukki	Rev. date 24.08.2012 Rev.	Work nr.	Drw. nr.	Rev.
Scale 1:16	Building		File nr.	



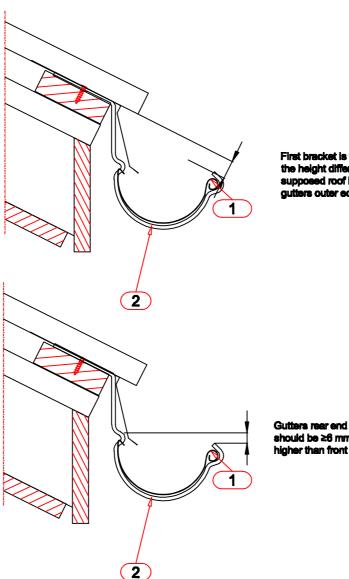
- 1. ROOF OPENING UNIT, R40G0125870
- 2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000
- 3. BRACKET, R2OG125BL
- 4. DOWNPIPE BRACKET wooden wall, R2OD87BW
- 5. DOWNPIPE 2.5 / 4.0 m, R4OD872500/R4OD874000

6. GUTTER END PIECE, R5OG125EU



RWS Installing gutter CEE

Date 28.02.2006	Rev. date 24.08.2012	Work nr.	Drw. nr.	Rev.
Drawn by Ruukki	Rev.			
Scale 1:5	Building		File nr.	



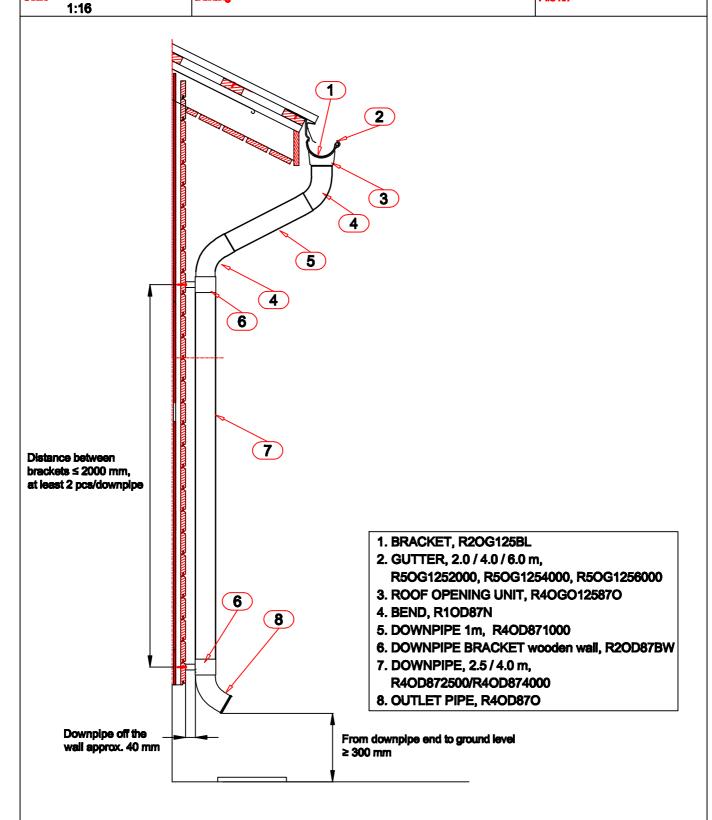
First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥25 mm.

should be ≥6 mm higher than front edge.

- 1. BRACKET, R2OG125BL
- 2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000



Date	Rev.date	Work nr.	Drw. nr. Re	/.
28.02.2006	24.08.2012			
Drawn by	Rev.	1		
Ruukki				
Scale	Building		File nr.	

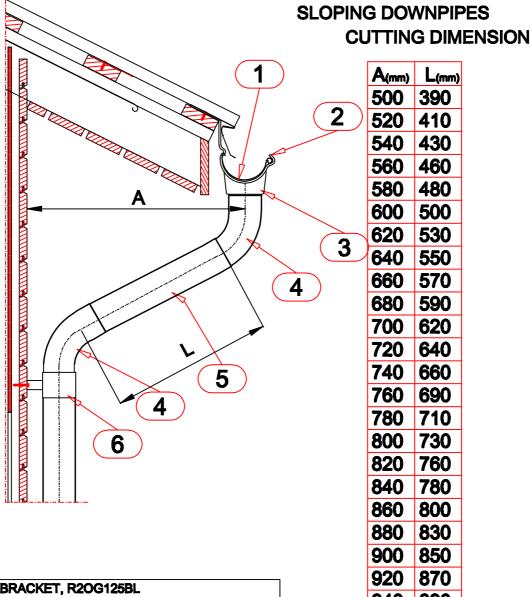




Straight downpipe

Cutting dimension of sloping downpipe

28.02.2006 Drawn by Ruukki	Rev. date 24.08.2012 Rev.	Work nr.	Drw. nr. Rev.
Scale 1:10	Building		File nr.

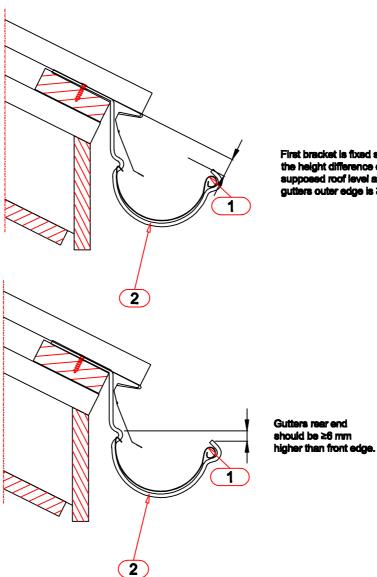


- 1. BRACKET, R2OG125BL
- 2.GUTTER, 2.0 / 4.0 / 6.0 m. R5OG1252000, R5OG1254000, R5OG1256000
- 3. ROOF OPENING UNIT, R4OGO12587O
- 4. BEND, R10D87N
- 5. DOWNPIPE 1m, R40D871000



RWS Installing gutter CEE

Date 28.02.2006 Drawn by Ruukki	Rev. date 24.08.2012 Rev.	Work nr.	Drw. nr.	Rev.
Scale 1:5	Building		File nr.	



First bracket is fixed so that the height difference of supposed roof level and gutters outer edge is ≥25 mm.

- 1. BRACKET, R2OG125BL
- 2. GUTTER, 2.0 / 4.0 / 6.0 m, R5OG1252000, R5OG1254000, R5OG1256000