



Turn ideas into reality.

Benefits by choosing JUAL products.

Production and control:

With JUAL products you have ensured Knowledge - Quality and control for the products installed on the roof. This ensures and gives you the best security for long life guaranty on the roof.

JUAL products are produced and controlled according to EN1253
 JUAL standard products are undergoing a yearly Audit by LGA
 JUAL components produces on ISO 9001 plant.

Below a drawing of a standard JUAL vertical outlet

Steel product version

Foil product version

Foil rounded R40

Bitumen / (Foil) product version

Approved by LGA according to DS/EN 1253. Pipe geometri is based upon DS/EN476 and DS/EN1124.
 LGA certificate: 7313060

D1	Dim. table Outlet					
	L1		L2		L3	
	Bitumen	Foil	bit./foil	steel	bit./foil	steel
Ø50	500	400	230	300	200	270
Ø63	500	400	230	300	200	270
Ø75	500	400	230	300	200	270
Ø80	500	400	230	300	200	270
Ø90	500	400	230	300	200	270
Ø95	500	400	230	300	200	270
Ø110	500	400	230	330	200	300
Ø125	500	400	230	330	200	300
Ø145	500	400	300	360	270	330
Ø160	500	400	300	360	270	330

For the exact flange, pipe, ring and membrane layout please refer to the respective detailed drawings.
 Some foil types are made with a different width as the one specified as L1, please refer to the specific drawing for further details.

Possible Foil - Flange Configurations					
Name	Foil Versions	Manu. ID	Flange Name	Manu. ID	
Aikorplan D	light grey, dark grey	35x71-001, 35x71-002	Aikorplan metal sheet light grey, Aikorplan metal sheet dark grey	81170-003, 81170-009	
Wolfin IB SZ	black	48423	Wolfin composite sheet plate made of stainless steel	48336	
Samafil S	light grey, dark grey	109724, 109722	Samafil light grey, Samafil dark grey	100576, 100583	
Samafil TG 66-15	light grey	109742	Samafil T light grey	110559	
Sika Trocal S 1,5	light grey 1,5	55973, 4001208050	Aikorplan metal sheet	81170-003, 81170-009	
Protan GI,5	light grey F81, dark grey F84	31115919, 31115949	Aikorplan metal sheet	81170-003, 81170-009	
SurelWeld TPO	fashing grey, fashing dark grey	3002335, 3002336	Aikortop metal sheet	81180-003	

ITEM	QTY	Article name	Drawing no. Bitumen	Drawing no. Foil	Drawing no. Steel
1	1	Outlet Pipe (Ø110x300)	0160609-02	0160609-02	0160609-02
2	1	Outlet flange (Ø110)	0160609-01	0160609-06	016060901
3	1	Bitumen membrane (Ø110)	0160609-04	0160609-05	-
4	1	Ring (Ø110)	0160609-03	0160609-03	0160609-03

Revision: 01
 Description: Roof membrane corner radius changed to R=40
 Date: 08-12-2008
 Admin
 Price: 2.06
 JUAL Bit+St+Roof Outlet (Ø110x300)
 Outlets
 not defined

Benefits by choosing JUAL products.

Technic

- Pipes are full welded without overlap. This to ensure that the pipe are round an the rubber sealing are water tight when assembled with other parts.
- All items produced and controlled according to EN 1253
- All components in Stainless steel AISI316
- Mastic sealing of flange and ring on both sides
- Integrated inner ring - sealed and spot welded to pipe.
- Membranes are vulcanized on the stainless steel flange.
- Vulcanization of the membrane is done under controlled processes and environments, on special deigned machines.
- The Stainless Outlet and membrane are delivered as on unit, and with a wide range of membrane type.
- No risk that the steel flange and membrane material are not joined proper together.
- The roofer shall only do "what he is good at" Burning /welding membrane material on the roof as the critical area is already done by JUAL.
- All joints and welding processes are well known and proven true 45 years of production at JUAL.
- All JUAL product are tested in JUAL's own technology plant with test facilities for peeling test of Membrane integration and flow test of outlet capacities according to EN1253.
- The integration of bitumen and stainless steel parts are certified by TÜV, and the process and materials are yearly monitored by TÜV.

