ANGLED ROOF DRAIN OUTLET IN IGOM EE



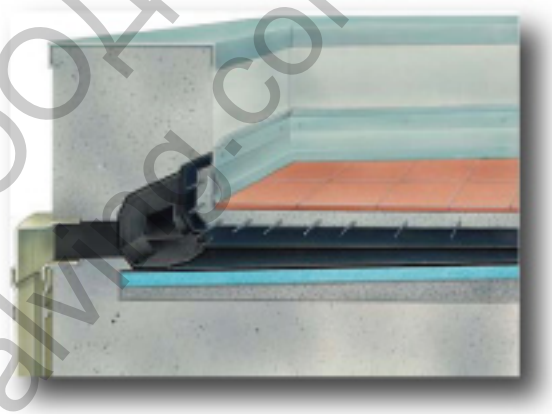
Art. 304
Art. 305
Art. 307
Art. 309

Art. 310
Art. 311
Art. 312





Art. 39





Art. 39.2



Art. 40
Curve
from 100
square Ø 80



Art. 41
Curve
from 100
square Ø 100



Art. 44
Leaf-grate
for angle
roof drains



Art. 42
Curve
mm. 100x100



Art. 43
Reducer
mm. 100x100 Ø 100



Art. 118G
Art. 118M
Drain box



Art. 315
Curve
Ø 100



Art. 320
Curve
Ø 110

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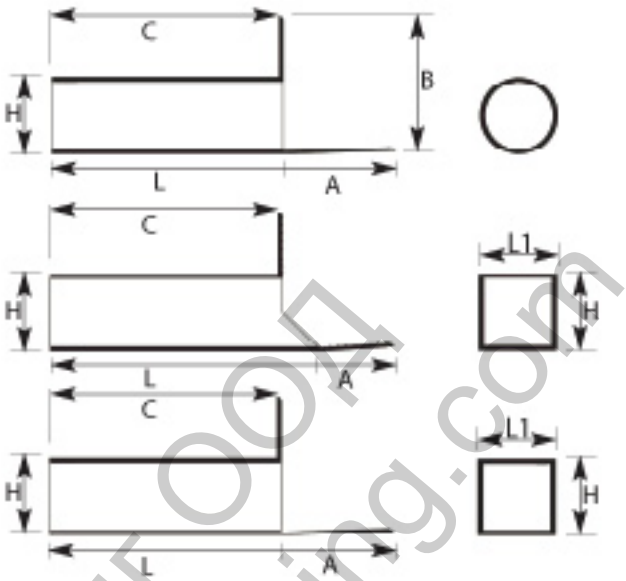
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ANGLED ROOF DRAIN OUTLET IN IGOM EE

The **RIGHT ANGLED DRAIN OUTLET 90° with round pipe (Art. 304 - 305 - 307 - 309 - 310 - 311 - 312)** offers as one of its main characteristics that it can be used either as an external or internal drain and especially for horizontal drains through thick outer walls. The unit is used in conjunction with bends or fittings having seal rings and thus the joint can be within the wall and the down pipe can be placed at a minimum distance from the wall. It is particularly suitable for application with all kinds bituminous membranes APP SBS, spread bitumen.

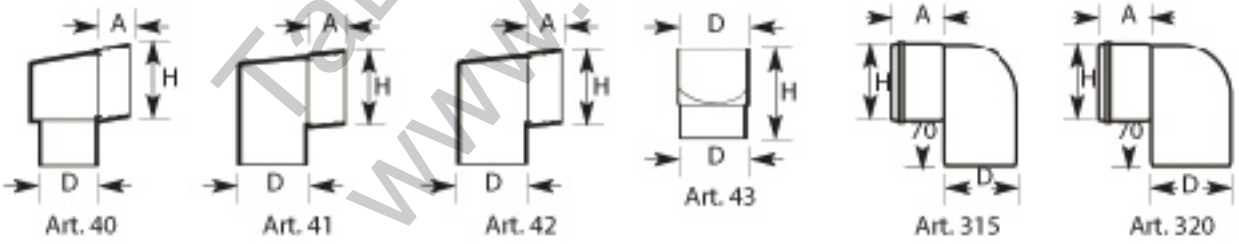


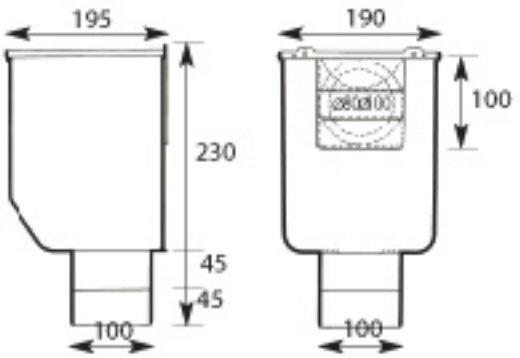




ART.	304	305	307	309	310	311	312	39	39.2
A	120	120	120	120	120	120	120	100	100
B	170	170	170	170	170	170	170	180	180
C	500	500	500	500	500	500	500	300	425
H	63	75	80	90	100	110	125	100	100
L1	-	-	-	-	-	-	-	100	100
L	500	500	500	500	500	500	500	345	500

ANGLED ROOF DRAIN SQUARE in IGOM EE Art. 39 - 39.2: the main characteristics of the angled roof drain is the possibility to be used for both inside and outside drains, for horizontal drains with free waterfall, terraces, industrial shelds, flat roofs, and roofs covered with bitumen, tarred felt or polymeric bitumen, APP SBS. Installation should be carried out at 3° slope.



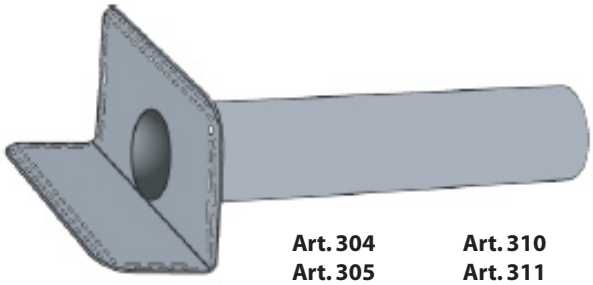


ART.	40	41	42	43	315	320
A	50	50	50	50	65	65
D	Ø 80	Ø 100	100x100	Ø 100	Ø 100	Ø 110
H	100x100	100x100	100x100	100x100	Ø 110	Ø 110

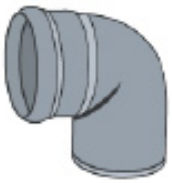
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90° ANGLED ROOF DRAIN ROUNDED PIPE IN IGOM EE

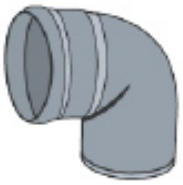
laying technology



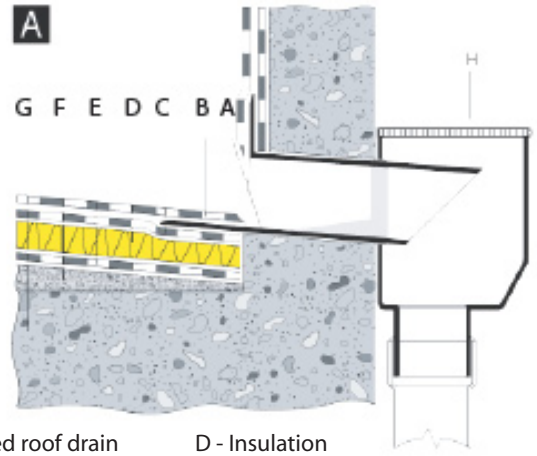
Art. 304
Art. 305
Art. 307
Art. 309
Art. 310
Art. 311
Art. 312



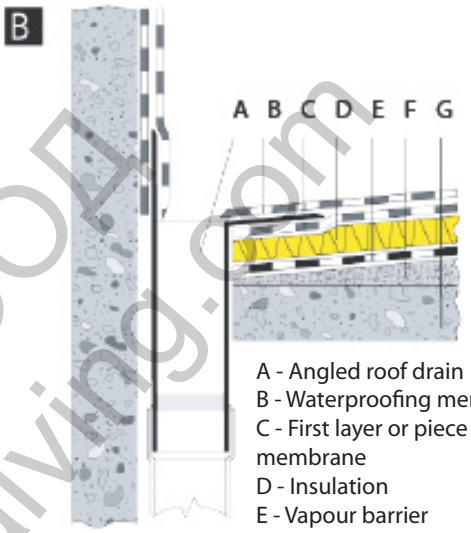
Art. 320



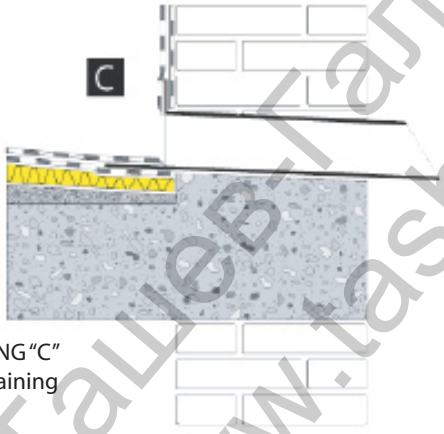
Art. 315



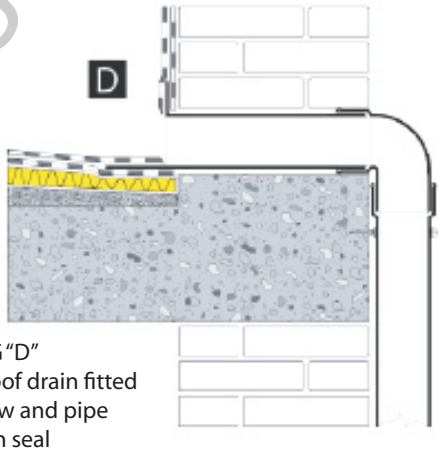
A - Angled roof drain
B - Waterproofing membrane
C - First layer or piece of membrane
D - Insulation
E - Vapour barrier
F - Falls
G - Deck
H - Decantation unit



A - Angled roof drain
B - Waterproofing membrane
C - First layer or piece of membrane
D - Insulation
E - Vapour barrier
F - Falls
G - Deck



DRAWING "C"
Free draining



DRAWING "D"
Angled roof drain fitted with elbow and pipe fitted with seal

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Art. 304 - 305 - 307 - 309 - 310 - 311 - 312

1 - Apply a coat of primer to the deck for approximately 40 to 50 cm around the hole where the drain unit is to be installe.
2 - Torch apply a 50x50 cm piece of thin membrane. If the waterproofing is a multi-layer system the drain unit is installed after the first layer and there is no need for the 50x50 cm piece of membrane. Ensure a pitch of 3°.
3 - Try the drain in the hole marking the point where it has to be cut with regards to the thickness of the wall. The stem must be cut so that the top edge extends 5 mm less than the bottom edge. When being used with elbows Art. 320 - 315, whereas, if it is fitted into box culvert Art. 118 it should be cut at 45° (see drawing A).
4 - Heat he piece of membrane (point 2), or the first layer of waterproofing and adhere the flange.
5 - Heat a piece of modified bitumen membrane and spread the liquid compound with a trowel over the ribbed flange.
6 - Install the cap sheet of the waterproofing system taking care especially around the flange area that it is properly heated and adheres correctly over the whole of the surface area.
7 - Before installing the elbow place some bituminous type mastic. Where diameters permit, use an elbow fitted with a seal.
8 - Insert leaf guard or gravel grate Art. 26.

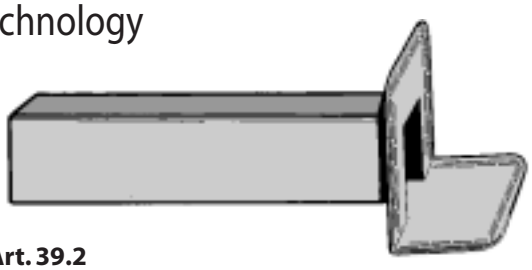
DESCRIPTION OF SPECIFICATIONS

Supply and install ITALPROFILI® round 90° angle drain unit made from flexible synthetic rubber IGOM CE having the following dimensions: tail piece 500 mm long, Ø ……, a flexible flange fitted with an elbow for fitting to the drain unit Ø 80 or Ø 100 mm with elbows for correct fitting to catchment box with leaf guard or gravel grate.

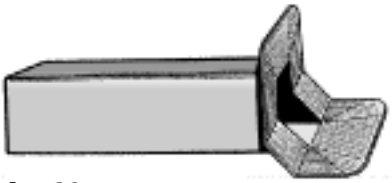
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90° ANGLED ROOF DRAIN IN IGOM EE

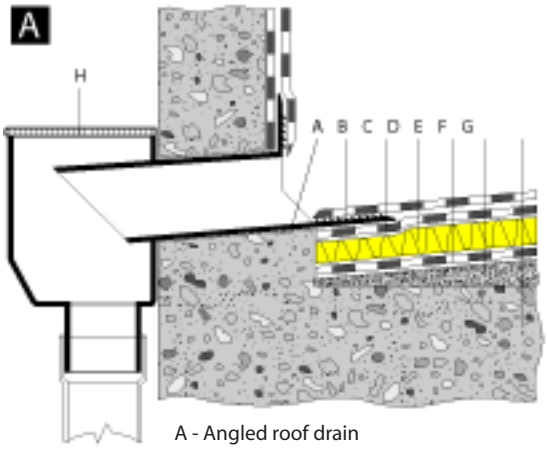
laying technology



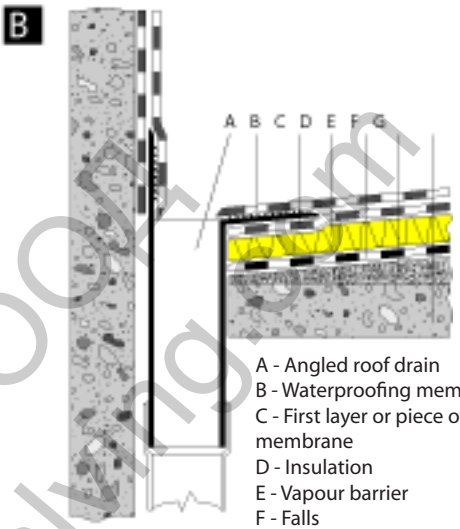
Art. 39.2



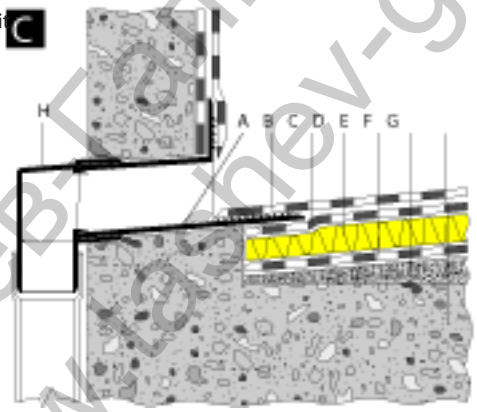
Art. 39



A - Angled roof drain
B - Waterproofing membrane
C - First layer or piece of membrane
D - Insulation
E - Vapour barrier
F - Falls
G - Deck
H - Decantation unit



A - Angled roof drain
B - Waterproofing membrane
C - First layer or piece of membrane
D - Insulation
E - Vapour barrier
F - Falls
G - Deck



A - Angled roof drain
B - Waterproofing membrane
C - First layer or piece of membrane
D - Insulation
E - Vapour barrier
F - Falls
G - Deck
H - Elbow

INSTALLATION METHOD (same application for Art. 117)

Art. 45

1 - Apply a coat of primer to the deck around the hole where the unit is to be installed.
2 - Torch apply a 50x50 cm piece of thin membrane. If the waterproofing is a multi-layer system the drain unit is installed after the first layer and there is no need for the 50x50 cm piece of membrane. Ensure a pitch of 3°.
3 - Try the drain in the hole marking the point where it has to be cut with regards to the thickness of the wall. The stem must be cut so that the top edge extends 5 mm less than the bottom edge, when being used with elbows Art. 46 and 47. If it is fitted into box culvert Art. 118 it should be cut at 45° (see drawing A).
4 - Heat he piece of membrane (point 2), or the first layer of waterproofing and adhere the flange.
5 - Heat a piece of modified bitumen membrane and spread the liquid compound with a trowel over the ribbed flange
6 - Install the cap sheet of the waterproofing system taking care especially around the flange area that it is properly heated and adheres correctly over the whole of the surface area.
7 - Before installing the elbow apply some bituminous type mastic, "Boston" or similar. After inserting the elbow into the drain unit, make sure that the four tabs inside the elbow are aligned. The elbow can be installed in the drain pipe (item 3), drawing B.
8 - Insert leaf guard or gravel grate Art. 44.1.

DESCRIPTION OF SPECIFICATIONS

Supply and install ITALPROFILI® 90° discharge drain unit made from flexible synthetic rubber IGOM CE having the following dimensions: tail piece 500 mm long 65 mm high, and 100 mm wide, a flexible flange fitted with an elbow for fitting to the drain unit Ø 80 or Ø 100 mm and to a catchment box for the drain complete with leaf guard or gravel grate.

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