

## 01.4 “NUOVA” ANTI-BACKUP ROOF DRAIN IN IGOM.CE



▲ **ART. 38**  
Leaf and gravel grate  
suitable for diameters  
to mm. 160



▲ **ART. 38 BIS**  
Leaf and gravel grate  
suitable for diameters  
to mm. 160



▲ **GRAVEL GRATE RING**

“NUOVA” ANTI-BACKUP ROOF DRAIN IN IGOM.CE is one of the most valid systems for connecting rainwater pipes and drains on flat roofs, gutters of multi-pitched roofs and industrial buildings. It is particularly suitable for use with all kinds of APP, SBS modified bituminous membranes as well as liquid bitumen coatings. This particular item has been studied right down to its smallest details so as to optimize its characteristics, in fact, it has a 170 mm diameter by 30 mm deep head which increases the drainage capacity up to 45% compared to a standard drain. The total funnel length of 330 mm allows for use with thicker substrates thus avoiding the need for any intermediate joints and when inserted into the spigot of down pipe permits a constant and continues flow without losing any of the capacity of the downpipe, it can also be fixed into position previous to installation of the downpipes. The drain is made from IGOM.CE, a specially formulated compound of synthetic rubbers realized by ITALPROFIL® allow us to obtain high physical, chemical and technical properties as well as a flexible product.

IGOM.CE is highly resistant to UV rays, ozone and other atmospheric and chemical agents. It can be used in a wide range of temperatures as it is extremely flexible at low temperatures, it is also stable over time thanks to its physical and mechanical properties which therefore assure maximum performance throughout its lifespan. It has been proved that this roof drain can discharge up to 45% more than a normal drain of the same diameter.

The drain consists of a truncated body available in various diameters solidly attached to the ribbed flange area all made from the same materials to facilitate adhesion of the membrane. The stem piece of the unit has two or more strategically placed circular rings which face outwards and when forced into the drain pipe form a perfect seal. The seal rings are compressed upwards when inserted into the downpipe and thanks to this pressure fit, they guarantee optimal seal with any type of pipe and prevent the passage of water vapour or back-up of water into the roofing system. This is particularly important where insulation is involved as it could compromise the insulation itself, factor that constitutes one of the main problems in roof waterproofing. It is highly recommended to use the 200 mm diameter gravel grate directly connected to the slotted ring, the ring has three slots which allow for the regulation of the height in case of layer variations in the waterproofing system.

> INSTALLATION METHOD PAG. 21

ART.	107	27	28	109	29	30	91	99
DENOM	75	80	100	110	125	140	160	200
B	400	400	400	400	400	400	400	400
H	330	330	330	330	330	330	330	330
D	75	80	100	110	125	140	151	191
D1	170	170	170	170	170	170	170	-
C	30	30	30	30	30	30	30	-
C1	25	25	25	25	25	25	25	-

