

Product Details

WD204 Outlet with Circular Flat Grating

Technical Data



Dimensions:

220 dia. at finish level

305 dia. body

190 - Height below Body Flange

78 to 105 - min/max height between membrane level and top of grating

Connection - 4" BS416, 100mm DIN19522 / Harmer SML

Free Area - body= 78cm², grating= 130cm²

Materials - Grating - ductile iron, sherardized; Body - cast iron, lacquered; Membrane Clamp - cast iron, lacquered

Load Rating Class - L15

Weight - 12.3 kg

General Description:

220 Dia. Cast Iron 3410 series (Medium Sump) No Fines Screed / Inverted Roof Outlet with Circular Flat Grating, for use with unfinished (eg. bare concrete) or paved areas, with 111 dia. vertical outlet.

Options:

To specify an option, add option letter(s) as a suffix to the Spec. Code

K - bonded insulation jacket

Z - rigid PVC flange for use with PVC single ply membranes

Materials:

Cast Iron - BS EN 1561: Used for bodies, membrane clamping collars, spigot adaptors and accessories such as extensions. A widely used metal in the drainage industry, its resistance to corrosion permits extended use under extreme conditions. Castings are coated with a high grade lacquer paint to provide internal and external surface coverage. Paint will gradually wear off and is replaceable; oxidation (surface rusting) is a natural process which does not weaken the material. A zinc anti-corrosion coating is applied to certain castings by sherardizing.

Ductile Iron - BS EN 1563 + 1564: A casting with the ductility of steel, yet with more than twice the tensile strength of cast iron. A zinc anti-corrosion coating is applied by sherardizing.

All dimensions are in millimetres unless stated. In line with general practice all dimensions shown are nominal.

Wade International

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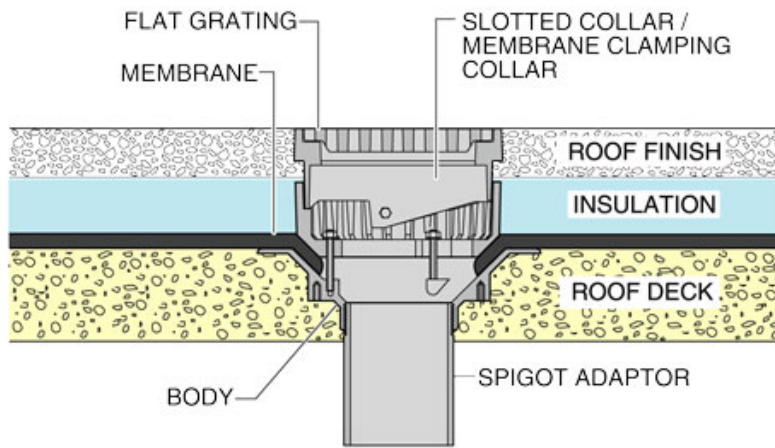
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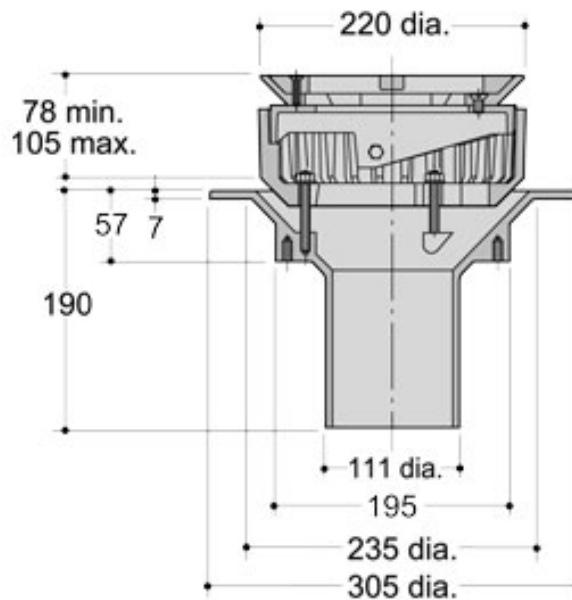
website: <https://www.alumascwms.co.uk/brands/wade/>

Typical Installation for WD204:

Note: This illustration may show a similar Wade Product - it is intended to show the general installation type only.



Dimensioned Section for WD204:



Flow Performance Figures for WD204:

Head of water at outlet	15mm	20mm	25mm	30mm	35mm	40mm	50mm
Flow Rate (l/s):	1.97	3.09	4.04	4.77	5.05	5.25	5.84
Roof area drained (m²) at 0.021 l/s per m² rainfall rate:	94	147	192	227	240	250	278

Note: Flow rates of Wade roof outlets have been established by full-scale tests. The values shown in the table are 75% of such tests. The design of the layout of roof outlets should be in accordance with the recommendations given in BS EN 12056:3.