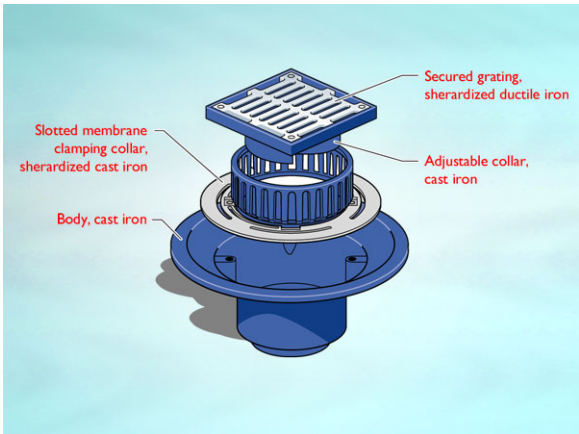
Quality Drainage Products

Product Details

WD616 Outlet with Square Flat Grating **Technical Data**



Dimensions:

224 square at finish level
405 dia. body
149 - Height below Body Flange
106 to 133 - min/max height between membrane level and top of grating
Connection - female 6" BSP threaded connection (150mm)
Free Area - body= 176cm², grating= 170cm²
Materials - Grating - cast iron, sherardized; Body - cast iron, lacquered; Membrane Clamp - cast iron, lacquered
Load Rating Class - L15
Weight - 22.1 kg

General Description:
224 Square Cast Iron 3100 series (Deep Sump) No Fines Screed / Inverted Roof Outlet with Square Flat Grating, for use with unfinished (eg. bare concrete) or paved areas, with 6" BSP 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; oxidisation (surface rusting) is a natural process which does not weaken the material. A zinc anti-corrosion coating is applied to certain castings by sherardizing.

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

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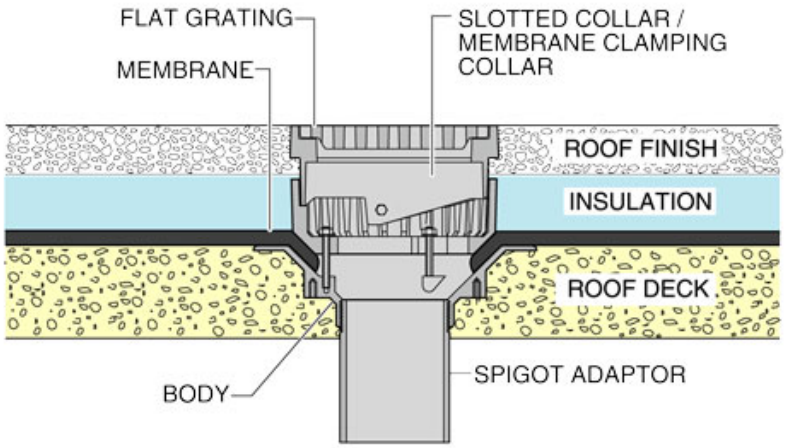
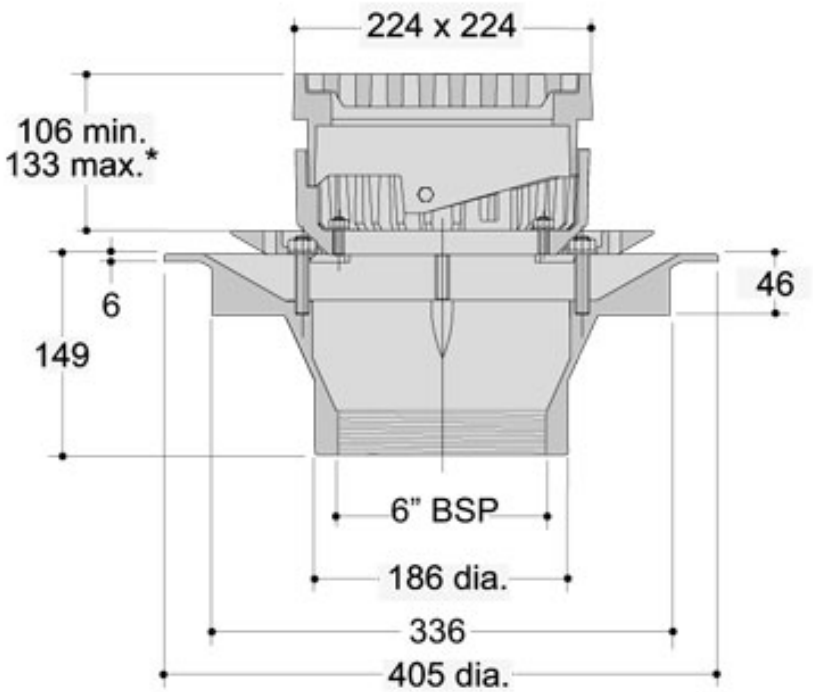
Typical Installation for WD616:

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



Dimensioned Section for WD616:



Flow Performance Figures for WD616:

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 (m^2) at 0.021 l/s per m^2 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.