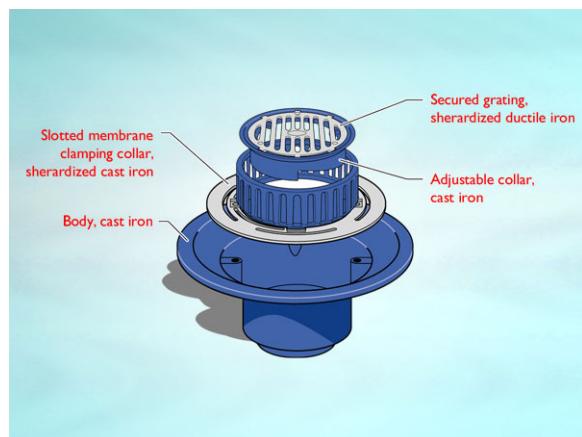


## Product Details

### WD516 Outlet with Circular Flat Grating

### Technical Data



#### Dimensions:

220 dia. at finish level

405 dia. body

149 - Height below Body Flange

90 to 117 - min/max height between membrane level and top of grating

**Connection** - female 6" BSP threaded connection (150mm)

**Free Area** - body= 176cm<sup>2</sup>, grating= 130cm<sup>2</sup>

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

**Load Rating Class** - L15

**Weight** - 21 kg

#### General Description:

220 Dia. Cast Iron 3100 series (Deep Sump) No Fines Screed / Inverted Roof Outlet with Circular 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; 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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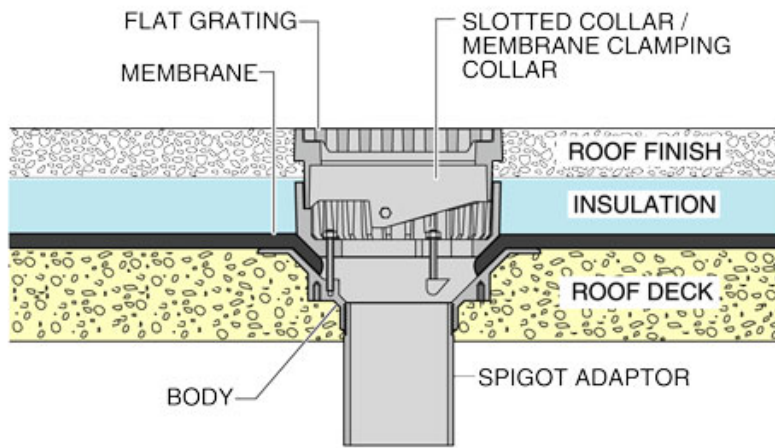
Fax: +44 (0)1787 475579

e-mail: wadetech@alumascwms.co.uk

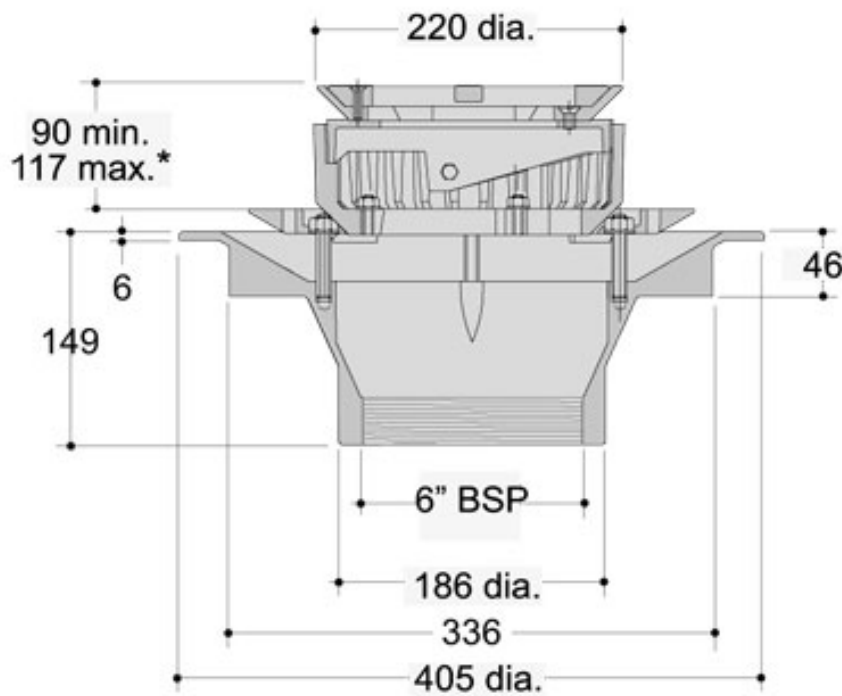
website: <https://www.alumascwms.co.uk/brands/wade/>

### Typical Installation for WD516:

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



### Dimensioned Section for WD516:



**Flow Performance Figures for WD516:**

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.