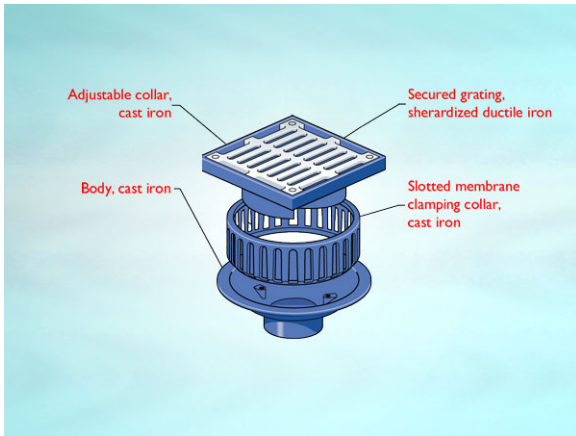


## Product Details

### WD322 Outlet with Square Flat Grating

### Technical Data



#### Dimensions:

224 square at finish level

305 dia. body

90 - Height below Body Flange

94 to 121 - min/max height between membrane level and top of grating

**Connection** - female 2" BSP threaded connection (50mm)

**Free Area** - body= 19cm<sup>2</sup>, grating= 170cm<sup>2</sup>

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

**Load Rating Class** - L15

**Weight** - 13.9 kg

#### General Description:

224 Square Cast Iron 3410 series (Medium Sump) No Fines Screed / Inverted Roof Outlet with Square Flat Grating, for use with unfinished (eg. bare concrete) or paved areas, with 2" 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.

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

Wade International

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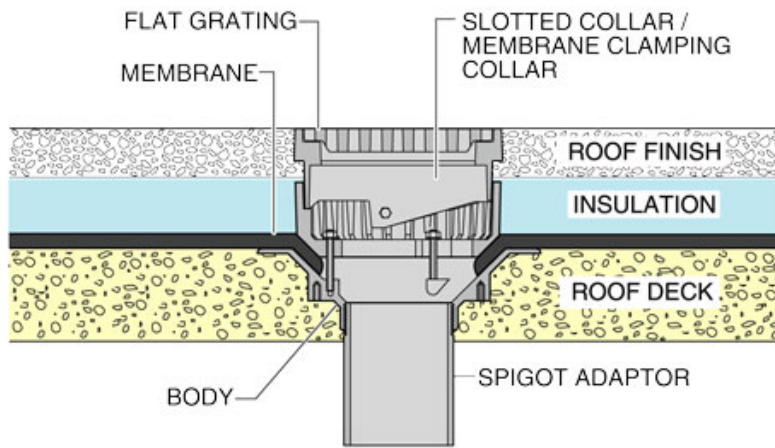
Fax: +44 (0)1787 475579

e-mail: [wadetech@alumascwms.co.uk](mailto:wadetech@alumascwms.co.uk)

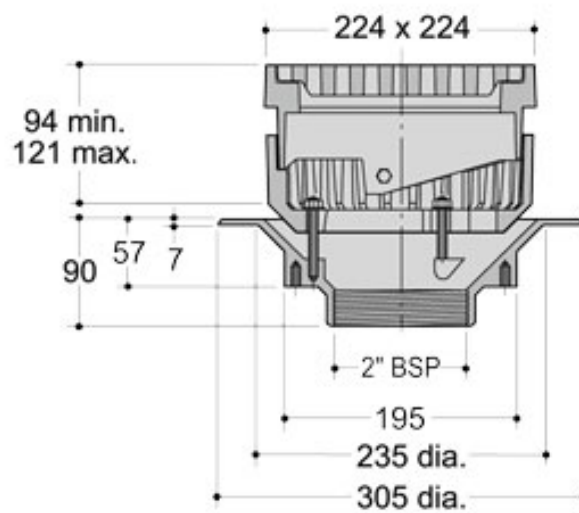
website: <https://www.alumascwms.co.uk/brands/wade/>

### Typical Installation for WD322:

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



### Dimensioned Section for WD322:



**Flow Performance Figures for WD322:**

| Head of water at outlet                                   | 15mm | 20mm | 25mm | 30mm | 35mm | 40mm | 50mm |
|-----------------------------------------------------------|------|------|------|------|------|------|------|
| Flow Rate (l/s):                                          | 2    | 2.89 | 3.09 | 3.24 | 3.29 | 3.32 | 3.37 |
| Roof area drained (m²) at 0.021 l/s per m² rainfall rate: | 95   | 138  | 147  | 154  | 157  | 158  | 160  |

**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.