

Materials and finish of Wade roof outlets, described below, are selected to provide lasting performance and to blend with surroundings. The products require the minimum of maintenance, but periodic inspection should be carried out to ensure that roof outlets are free from gravel, leaves and other debris which could impair the performance of the system. Cast iron parts should be repainted every five years. For complete list of materials, please refer to our website.

ABS

Used for threaded pipework adaptors

Cast aluminium – BS EN 1706

Used for parapet gratings

An alloy chosen for its chemical resistance and durability.

Cast iron – BS EN 1561

Used for bodies, membrane clamping collars, extensions and threaded pipework adaptors

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, applied by full immersion dip, 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.

Ductile iron – BS EN 1563 and BS EN 1564

Used only for gratings

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.

Galvanised mild steel

Used for adjustable bearing pans and raising tubes

A cost effective, corrosion resistant material.

Gunmetal – BS EN 1982

Used for downspout nozzles

A cast alloy of a rich, bronze colour.

Nickel bronze – BS EN 1982 Satin finish

Used for gratings

A cast alloy which will maintain its lustre when subjected to the abrasive polishing action of traffic.

The satin finish produces a fine grain effect which blends well with walls and floors. **Note:** Avoid covering nickel bronze items with plastic sheeting after installation, as blackening may occur.

Polycarbonate

Used for domes (supplied as standard)

A polycarbonate/ABS blend which offers durability, high impact strength and long term resistance to ultraviolet light.

PVC

Used for body versions for use with PVC single ply membranes

This material enables a waterproof joint to be produced on site.

Stainless steel – austenitic grade 304

Used for gratings, domes, gravel guards, filter baskets and all fastenings

A corrosion-resistant metal containing significant amounts of nickel and chromium; AISI grade 304 stainless steel is used as standard, which is suitable for general use in and around buildings including most coastal locations. In applications such as swimming pools or having an aggressive atmosphere, grade 316 is recommended and is available on request. An even higher grade may be required for applications in highly corrosive environments including where exposure to seawater may be anticipated.

Clean with soap and warm water rinse and wipe dry. Gratings may also be cleaned in certain dishwashers.

Under no circumstances treat with metal scouring pads, metal scrapers or wire wool as these will contaminate surfaces leaving rust spots.

