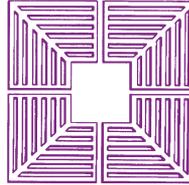


tree



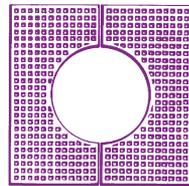
style A



style	reference	outside dimensions	internal aperture	sections	thickness
A	ASF 301	1000 x 1000	340 x 340	4	25
A	ASF 302	1400 x 1400	440 x 440	2	25
A	ASF 319	770 x 770	300 x 300	2	25
A	ASF 320	1200 x 1200	420 x 420	4	25
A	ASF 329	1800 x 1800	600 x 600	4	25



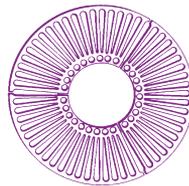
style B



style	reference	outside dimensions	internal aperture	sections	thickness
B	ASF 303	700 x 700	460mm DIA	2	25
B	ASF 304	800 x 800	270 x 270	2	25
B	ASF 305	1000 x 1000	450mm DIA	2	25
B	ASF 306	1200 x 1200	450mm DIA	2	25
B	ASF 308	1400 x 1400	610mm DIA	4	25
B	ASF 321	1760 x 1760	450mm DIA	4	25
B	ASF 330	1080 x 1080	450mm DIA	2	25
B	ASF 331	800 x 800	405mm DIA	2	25



style D



style	reference	outside dimensions	internal aperture	sections	thickness
D	ASF 312	890mm DIA	400mm DIA	2	25
D	ASF 313	1185mm DIA	450mm DIA	2	25
D	ASF 314	2000mm DIA	870mm DIA	3	25



protection tree grilles

design and innovation

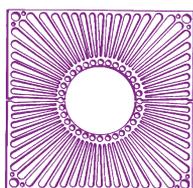
Attractive Proven Designs, Tree and Root Protection, Allows Irrigation, Integrated with Paving.

ASF offer a comprehensive range of designs to give the visual or practical theme required. When used together, Tree Grilles, Support Frames, Tree guards and Security Clamps provide an excellent Vandal Resistant Tree Protection System which allows landscape designers to incorporate well protected trees with a visually pleasing architectural element into their schemes.



- Finish** Primer finish or Black rust resistant gloss are standard. RAL or BS colours available on request.
- Size** The outside dimension given is of the tree grille, if using a support frame increase the dimension by 20mm.
- Specials** Irrigation and or lighting ports can be incorporated into many of the designs.

style
C



style	reference	outside dimensions	internal aperture	sections	thickness
C	ASF 309	900 x 900	400mm DIA	2	40
C	ASF 310	1200 x 1200	440mm DIA	2	20
C	ASF 311	2000 x 2000	1000mm DIA	4	25

Specification Example

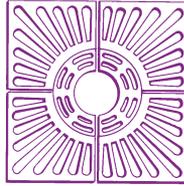
ASF 310 tree-grille with Type 2 support frame and ASF 802 tree-guard including security clamps.

Finish: BS 14C30 Green to ASF specification.



tree

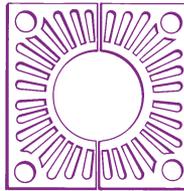
style E



style	reference	outside dimensions	internal aperture	sections	thickness
E	ASF 315	1000 x 1000	450mm DIA	2/4	25
E	ASF 316	1200 x 1200	640mm DIA	4	25
E	ASF 317	1200 x 1200	300mm DIA	6	25



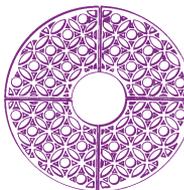
style F



style	reference	outside dimensions	internal aperture	sections	thickness
F	ASF 322	1200 x 1200	600mm DIA	2	25



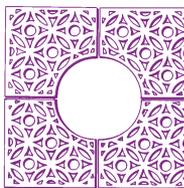
style G



style	reference	outside dimensions	internal aperture	sections	thickness
G	ASF 323	2000mm DIA	600mm DIA	4	20

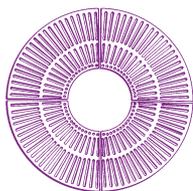


style H



style	reference	outside dimensions	internal aperture	sections	thickness
H	ASF 324	1400 x 1400	600mm DIA	4	20

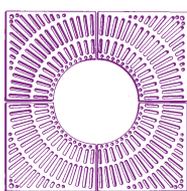
protection tree grilles



style I



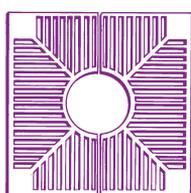
style	reference	outside dimensions	internal aperture	sections	thickness
I	ASF 325	1900mm DIA	700mm DIA	4	25



style J



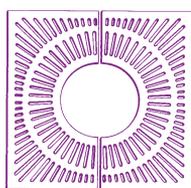
style	reference	outside dimensions	internal aperture	sections	thickness
J	ASF 326	1500 x 1500	700mm DIA	4	25



style K



style	reference	outside dimensions	internal aperture	sections	thickness
K	ASF 327	1180 x 1180	400mm DIA	2	30



style L



style	reference	outside dimensions	internal aperture	sections	thickness
L	ASF 328	1200 x 1200	510mm DIA	2	25

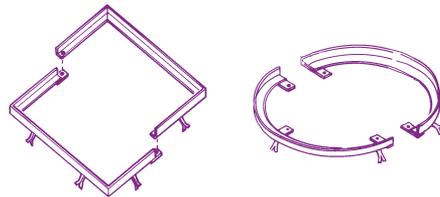
tree protection: support frames

Finish Primer finish or Black rust resistant gloss are standard. RAL or BS colours available on request.

Can be hot dip galvanised to BS 729 on request.

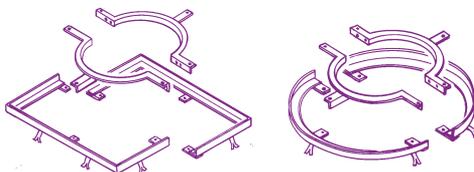


type 1 frame



- Only supports outside of tree grille.
- If tree exists can be supplied in two halves for bolting together.
- Not suitable for grilles that are of more than two segments.
- Only ground anchored tree guards can be used.

type 2 frame

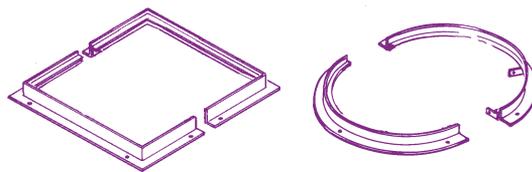


- Supports inner and outer edges of grille segments.
- Suitable for all designs of tree grille.
- Inner section removable to allow uplift and replanting of tree.
- Bolt fix tree guards can be used, attached to the centre ring.

Customised Support Frames

- If ground is on a gradient, we can manufacture a special frame that allows the tree grille to be sloping, up to a maximum of 1:12, and the tree guard to remain vertical.

type 3 frame

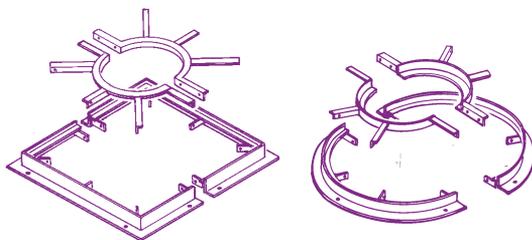


- As type 1 Frame but includes large outside ledge to support and maintain level of tree grille and surrounding paving elements.

Security Clamps

- Unique clamps secure the individual segments of the tree grille to each other and to the support frame.
- Increase rigidity of the whole unit and prevent removal of the grille casting segments.
- Unobtrusive and do not project above the tree grille surface.

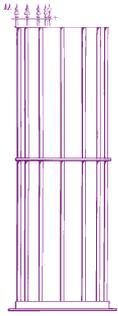
type 4 frame



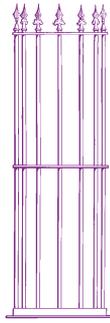
- As Type 2 Frame but includes large outside ledge to support and maintain level of tree grille and surrounding paving elements.

tree guards

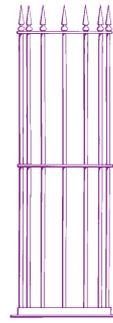
- Finish** Primer only or Black polyester powder coating are standard. RAL or BS colours available on request.
Can be hot dip galvanised to BS729 on request.
- Assembly** Guards supplied in two halves to be bolted together on site.
- Fixing (1)** Ground fixing with spikes to anchor into soil.
- Fixing (2)** Bolt fixing to support frames types 2 & 4 only.
- Height** Standard height is 1800mm above ground but any height can be supplied as required.
- Girth** Is slightly smaller than the internal aperture of chosen tree grille. Circular in section with grilles which have round inner aperture and square with square inner aperture.
- Customised** Special designs and sizes can be manufactured on request.



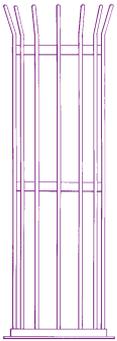
ASF 801



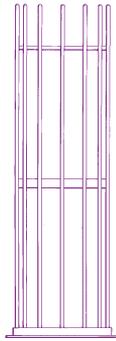
ASF 802



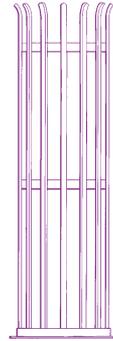
ASF 803



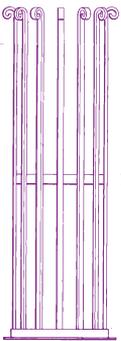
ASF 804



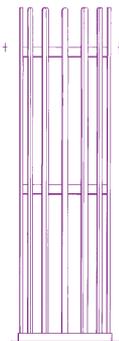
ASF 805



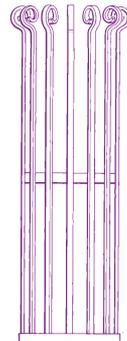
ASF 806



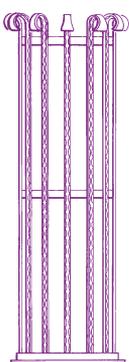
ASF 807



ASF 808



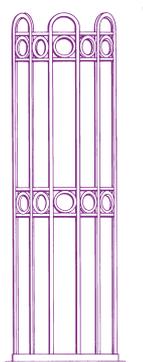
ASF 809



ASF 810



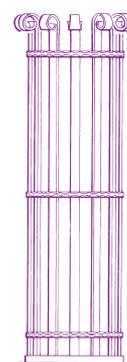
Shown in Bronze on Black finish



ASF 811



Shown in Silver on Black finish



ASF 812



Shown in Verdigris finish