

3 Kidderpore Avenue – Green Roof

Semi-Intensive

Features:

- Build-up height 100- 200mm
- wide range of plants
- periodic irrigation
- periodic maintenance
- can include paving and patios

Use for:

- Roofs that are visible and need all year round colour
- accessible roofs
- Flat roofs
- reducing water run-off



Planting: Density up to 20 - 25 individuals per square metre

- Grass and herbs
- Shrubs and woody plants
- Woody Plants
- lawn / turf grass

Species:

Intensive green roofs: Drought tolerant plants are good choices, as they tend to be both sun and wind tolerant. We will choose from the following list.

Drought-resisting plants

Below is a list of plants that can resist drought. These plants only become drought resisting once they are established, and will need careful watering until they do so. Also, bear in mind that the smaller the plant the more drought resisting it is; so always plant small specimens rather than more mature ones.

Key

* Evergreen or semi-evergreen

◇ Lime hating; needs acid soil conditions

? Tender plants; need warm, sheltered wall-side situation except in mildest coastal areas

AGM Plant which has received the RHS Award of Garden Merit for ordinary garden use and good constitution

(W) Shrub/shrubby plant suitable for wall training or needing some wall protection

Trees (small - medium)

Acacia dealbata AGM ? *

Acer negundo

Arbutus x andrachnoides AGM

Betula (*B. papyrifera*, *B. pendula* AGM; *B. populifolia*)

Celtis (*C. australis*, *C. occidentalis*)

Cercis siliquastrum AGM

Cladrastis lutea AGM

Crataegus (*C. laevigata* [inc 'Paul's Scarlet' AGM]; *C. persimilis* 'Prunifolia' AGM; *C.*

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phaenopyrum)

Eucalyptus (*E. cinerea* ?; *E. nicholii*, *E. pauciflora*, *E. pauciflora* var. *niphophila* AGM) *

Genista aetnensis AGM

Gleditsia triacanthos (inc 'Sunburst' AGM)

Koeleruteria paniculata AGM

Ligustrum lucidum AGM *

Maclura pomifera

Populus tremula AGM

Prunus lusitanica

Ptelea trifoliata

Rhus hirta

Robinia pseudoacacia (inc 'Frisia' AGM)

Sophora japonica AGM

Trees (large)

Ailanthus altissima AGM

Eucalyptus * (*E. gunnii* AGM; *E. viminalis*)

Liquidambar styraciflua ♦

Conifers (small - medium) (all *)

Chamaecyparis lawsoniana

Cupressus (*C. arizonica*, *C. sempervirens*)

Juniperus (inc *J. chinensis*, *J. scopulorum*, *J. virginiana* [upright habits]; *J. conferta*, *J. horizontalis*, *J. x pfitzeriana* [low growing/spreading])

Pinus (*P. cembra* AGM; *P. contorta*, *P. halepensis*, *P. jeffreyi* AGM; *P. mugo*, *P. peuce*, *P. pinea* AGM; *P. thunbergii*)

Taxus (*T. baccata* AGM; *T. x media* 'Hicksii' AGM)

Thuja orientalis

Conifers (large) (all *)

Many cultivars of *Chamaecyparis lawsoniana*

Ginkgo biloba AGM

Pinus (*P. coulteri* AGM; *P. ponderosa* AGM)

Palms and similar trees

Cordyline australis AGM ? *

Trachycarpus fortunei AGM *

Shrubs (small - medium)

Artemisia (*A. abrotanum* AGM; *A. absinthium* 'Powis Castle' AGM; *A. arborescens*)

Ballota pseudodictamnus

Brachyglottis (*B. monroi* AGM; 'Sunshine' AGM) *

Caryopteris x clandonensis

Centaurea cineraria AGM ? *

Ceratostigma willmottianum AGM

Cistus *

Convolvulus cneorum AGM *

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Coronilla valentina ssp. *glauca* AGM
Cotoneaster [*C. conspicuus* 'Decorus' * AGM; *C. dammeri* * AGM; *C. horizontalis* AGM]
Erinacea anthyllis AGM
Euonymus fortunei (inc 'Silver Queen' AGM) *
Genista
x Halimocistus (inc *x H. sahucii* AGM) *
Halimium (inc *H. lasianthum* AGM) *
Hebe (inc *H. armstrongii*, *H. pinguifolia* 'Pagei' AGM; 'Youngii' AGM) *
Hedysarum multijugum
Helichrysum [*H. italicum* AGM; *H. thianschanicum*] *
Hypericum [deciduous and evergreen]
Lavandula *
Lespedeza thunbergii AGM
Lonicera pileata *
Mahonia (*M. aquifolium*, *M. repens*) *
Nandina domestica AGM *
Olearia x haastii *
Osteospermum ecklonis *
Ozothamnus ledifolius AGM *
Perovskia [*P. atriplicifolia* AGM; 'Blue Spire' AGM]
Phlomis [*P. fruticosa* AGM; *P. italica*] *
Phygelius capensis AGM *
Potentilla fruticosa
Prunus laurocerasus ('Otto Luyken' AGM; 'Zabeliana') *
Rosa pimpinellifolia
Rosmarinus officinalis Prostratus Group AGM *
Ruscus aculeatus *
Ruta graveolens 'Jackman's Blue' AGM *
Salvia (inc *S. fulgens* AGM ?; *S. involucrata* AGM; *S. officinalis*) *
Santolina [*S. chamaecyparissus* AGM; *S. rosmarinifolia*] *
Spiraea japonica (inc 'Gold Flame' AGM)
Symphoricarpos [*S. x chenaultii*, *S. doorenbosii*]
Teucrium [*T. x lucidrys*, *T. fruticans* ?]
Ulex europaeus 'Flore Pleno' AGM
Vinca minor *
Yucca [*Y. filamentosa* AGM; *Y. gloriosa* AGM; *Y. recurvifolia* AGM] *

Shrubs (medium - large)

Abelia x grandiflora AGM
Aralia elata AGM
Arbutus unedo AGM *
Atriplex halimus *
Aucuba japonica (inc 'Crotonifolia' AGM) *
Berberis [deciduous and evergreen]
Buddleja [*B. crispa*, *B. davidii*, *B. globosa* AGM]
Buxus sempervirens AGM *
Callistemon citrinus (inc 'Splendens' AGM) ?
Caragana arborescens (inc 'Lorbergii' AGM)
Ceanothus [deciduous and evergreen] ?
Ceratonia siliqua
Choisya ternata *
Colutea [*C. arborescens*, *C. x media*]

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Cotoneaster (*C. glaucophyllus*, *C. lacteus* AGM; *C. salicifolius*, *C. simonsii* AGM) *

Cytisus scoparius

Elaeagnus (*E. angustifolia* AGM; *E. x ebbingei* *; *E. pungens* *)

Escallonia *

Euonymus (*E. alatus* AGM; *E. japonicus* *)

Genista tenera 'Golden Showers' AGM

Griselinia littoralis AGM ? *

Hippocrepis emerus

Hippophae rhamnoides

Ilex (*I. x altaclerensis*, *I. aquifolium* AGM) *

Indigofera

Laurus nobilis AGM *

Lavatera thuringiaca

Lespedeza bicolor

Ligustrum japonicum *

Lupinus arboreus AGM

Lycium chinense

Myrtus communis AGM ? *

Olearia (*O. macrodonta* AGM; *O. phlogopappa* ?) *

Ozothamnus rosmarinifolius (inc 'Silver Jubilee' AGM) *

Paliurus spina-christi

Photinia (*P. x fraseri*, inc. 'Red Robin' AGM; *P. serratifolia*) *

Pittosporum tobira AGM ? *

Poncirus trifoliata

Prunus (*P. laurocerasus* AGM; *P. lusitanica* AGM) *

Pyracantha *

Rhamnus alaternus (inc 'Argenteovariegata' AGM) *

Rhus glabra (inc 'Laciniata' AGM)

Romneya

Rosa (*R. rugosa*, *R. virginia* AGM; *R. wichuriana*)

Rosmarinus officinalis *

Sambucus (*S. nigra*, *S. racemosa*)

Spartium junceum AGM

Spiraea x billardii

Symphoricarpos (*S. albus*, *S. orbiculatus*)

Tamarix

Viburnum tinus *

Vitex agnus-castus

Climbers/wall-trained shrubs

Abutilon (*A. megapotamicum* AGM; *A. x suntense*, *A. vitifolium*) ? (W)

Acacia (*A. baileyana* AGM; *A. dealbata* AGM; *A. longifolia*, *A. retinodes* AGM) ? * (W)

Caesalpinia gillesii ? (W)

Campsis

Cotoneaster horizontalis AGM (W)

Eccremocarpus scaber AGM ? *

Eriobotrya japonica AGM * (W)

Erythrina crista-galli AGM ? (W)

Euonymus fortunei 'Silver Queen' AGM *

Fallopia baldschuanicum AGM

Fremontodendron (inc 'California Glory' AGM) ? * (W)

Garrya elliptica (inc 'James Roof' AGM) * (W)

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Hedera *

Hydrangea anomala ssp. *petiolaris* AGM

Jasminum

Lathyrus latifolius AGM

Lonicera japonica (inc 'Halliana' AGM) *

Lycium barbarum (W)

Parthenocissus tricuspidata AGM

Passiflora caerulea (inc 'Constance Elliot' AGM)

Punica granatum ? (W)

Pyracantha * (W)

Rosa banksiae (inc 'Luteum' AGM) (W)

Solanum (*S. crispum*, *S. jasminoides* ?)

Sophora tetraptera AGM ? * (W)

Vitis vinifera

Wisteria (*W. floribunda*, *W. sinensis* AGM)

Herbaceous perennials

Achillea (*A. filipendulina*, *A. millefolium*, *A. ptarmica*, *A. tomentosa* AGM)

Alchemilla mollis AGM

Anaphalis (*A. margaritacea*, *A. triplinervis* AGM)

Asphodeline lutea

Baptisia australis AGM

Carlina acaulis

Catananche caerulea

Centaurea cineraria AGM

Centranthus ruber

Cerastium tomentosum

Crambe cordifolia

Crepis incana

Cynara cardunculus

Dianthus (border carnations; pinks)

Echinops

Erodium

Eryngium

Euphorbia

Geranium (*G. endressii* AGM; *G. macrorrhizum*, *G. x oxonianum*, *G. x riversleaianum*, *G. sanguineum*)

Gypsophila paniculata

Heuchera

Linum perenne

Liriope (*L. muscari* AGM; *L. spicata*) *

Marrubium vulgare

Melissa officinalis

Nepeta (*N. x faassenii*, *N. nervosa*, 'Six Hills Giant')

Oenothera (*O. fruticosa*, *O. macrocarpa* AGM)

Oreganum (*O. laevigatum*, *O. vulgare*)

Osteospermum jucundum AGM ?

Papaver orientale

Phuopsis stylosa

Sedum (*S. spectabile* AGM; *S. spurium*, *S. telephium*)

Stachys byzantina

Symphytum (*S. ibericum*, 'Hidcote Blue')

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Tanacetum parthenium
Verbascum
Veronica prostrata

Ornamental grasses

Cortaderia selloana
Festuca glauca (inc 'Blaufuchs' AGM)
Helictotrichon sempervirens
Panicum virgatum
Pennisetum (*P. alopecuroides*, *P. setaceum* AGM)
Phalaris arundinacea
Pseudosasa japonica AGM
Stipa (*S. calamagrostis*, *S. gigantea* AGM)

Annuals & bedding

Alcea
Alyssum
Amaranthus
Brachycombe
Calendula
Cosmos
Eschscholzia
Felicia
Gazania
Lunaria annua
Mesembryanthemum
Papaver somniferum
Portulaca
Salvia farinacea

Ground cover

Brachyglottis 'Sunshine' *
Cotoneaster (*C. conspicuus* 'Decorus' AGM; *C. dammeri* AGM) *
Cytisus decumbens
Duchesnea indica
Genista (*G. hispanica*, *G. pilosa*)
Hedera (*H. colchica* AGM; *H. helix* AGM; *H. hibernica* AGM) *
Hypericum calycinum *
Juniperus (*J. conferta*, *J. horizontalis* [inc 'Wiltonii' AGM]) *
Liriope (*L. muscari* AGM; *L. spicata*) *
Melissa officinalis
Nepeta (*N. x faassenii*, *N. nervosa*)
Oreganum vulgare (inc 'Aureum' AGM)
Osteospermum ecklonis *
Pachysandra terminalis AGM * ♦
Santolina chamaecyparissus AGM *
Stachys byzantina
Teucrium x lucidrys *
Vinca minor *