

**List of extensive plants for roof gardens
Western- Europe**



Sedum

Latin term	Height in mm	Colour of flower	Colour of leaf	Flowering	Thickness substrate layer
Sedum acre	50	Yellow	Green	6-7	50
Sedum acre 'Elegans'	50	Yellow	Green	6-7	50
Sedum acre 'Yellow Queen'	50	Yellow	Green / yellow	6-7	60
Sedum aizoon	400	Yellow	Green	7-8	50
Sedum album 'Brevifolium'	150	White	Green / reddish brown	6-7	50
Sedum album 'Coral Carpet'	100	White	Green / reddish brown	6-7	50
Sedum album 'Macrophyllum'	150	White	Green	6-7	50
Sedum album 'Microphylla'	100	White	Green	6-7	50
Sedum album 'Minor'	50	White	Green	6-7	50
Sedum album 'Murale'	100	Pale pink	Green	6-7	50
Sedum album 'Orange Ice'	100	White	Green / orange	6-7	50
Sedum album 'Roseum'	100	White / pink	Green / reddish brown	7	50
Sedum cauticola 'Lidakense'	250	Pink	Grey / red	8-9	70
Sedum cauticola 'Robustum'	250	Rood	Red / brown	8	80
Sedum cyaneum 'Rosenteppich'	100	Pink	Grey / purple	8-10	80
Sedum dasyphyllum	100	White / pink	Blue / grey	5-7	60
Sedum ewersii	100	Pink	Grey / blue	7-8	60
Sedum floriferum 'Weihestephaner Gold'	100	Yellow	Green	6-8	50
Sedum fosterianum	150	Yellow	Green / reddish brown	5-6	60
Sedum fosterianum 'Glaucum'	150	Yellow	Grey	7-8	60
Sedum fosterianum 'Oracle'	150	Yellow	Grey	7-8	70
Sedum hispanicum	100	Pink	Grey / blue	5-6	50
Sedum hybriden 'Immergrünchen'	150	Yellow	Green	6-8	50
Sedum kamtschaticum	150	Yellow	Green	6-8	50
Sedum kamtschaticum 'Variegatum'	150	Yellow	Green / yellow	6-8	50
Sedum lineare 'Variegatum'	150	Yellow	Green / white / yellow	6-7	70
Sedum lydium	50	Pale pink	Green	6-7	50
Sedum lydium 'Glaucum'	50	Pale pink	Grey / blue	6-7	50
Sedum matrona 'Purple Emperor'	700	Pink	Green / purple	6-8	120
Sedum orgeganum	100	Yellow	Green / reddish brown	6-7	60
Sedum pachyclados	100	White	Green / greyish blue	5-6	60
Sedum reflexum	150	Yellow	Grey	7-8	50
Sedum reflexum 'Angelina'	150	Yellow	Green / yellow	7-9	50
Sedum reflexum 'Blue Spruce'	150	Yellow	Grey / blue	7-9	50
Sedum reflexum 'Verde'	150	Yellow	Green	7-9	50
Sedum sarmentosum	150	Yellow	Green	5-6	50
Sedum sexangulare	50	Yellow	Green	6-7	50
Sedum sexangulare 'Whitee Tatra'	50	Yellow	Green	6-8	50
Sedum spathulifolium 'Cape Blanco'	100	Yellow	Silver / green	5-6	70
Sedum spathulifolium 'Purpureum'	100	Yellow	Grey / blue / purple	5-7	70
Sedum spurium 'Album Superbum'	150	White	Green	6-7	50
Sedum spurium 'Bronze Carpet'	150	Pink	Green / bronze	6-7	50
Sedum spurium 'Coccineum'	150	Pink / red	Green to reddish purple	6-7	50
Sedum spurium 'Fuldaglut'	150	Carmine-red	Green / reddish brown	6-7	50
Sedum spurium 'John Creech'	150	Pink	Green	6-7	50
Sedum spurium 'Red Carpet'	150	Carmine-red	Rood	6-7	50
Sedum spurium 'Rosea'	150	Pink / red	Green	6-7	50
Sedum spurium 'Schorbuser Blut'	150	Pink	Rood	6-7	50
Sedum spurium 'Tricolor'	150	Pink	Greenish white	5-8	50
Sedum telephium 'Herbstfreude'	600	Pink / red	Light green	9-10	120

Herbs

Latin term	Height in mm	Colour of flower	Colour of leaf	Flowering	Thickness substrate layer
Achillea millefolium	600	White	Green	6-9	120
Achillea tomentosa	200	Yellow	Green	6-8	100
Alchemilla mollis	400	Green / yellow	Green	6-7	150
Allium moly	150	Yellow	Green	4-5	120
Allium ostrowskianum	150	Pink	Green	4-5	120
Allium roseum	150	Pink	Green	5-6	100
Allium schoenoprasum	300	Lilac-pink	Green	6-7	80
Allium sphaerocephalum	900	Purple	Green	7-8	150
Anaphalis triplinervis	150	White	Grey	7	150
Antennaria dioica	150	White / pink	Green	6	100
Anthemis tinctoria	400	Yellow	Green	6-8	80
Anthericum Lilacgo	300	White	Green	6-7	150
Arenaria serpyllifolia	150	White	Green	4-8	120
Armeria maritima	200	Pink	Green	5-8	80
Armeria maritima "Splendens"	200	Pink	Green	5-8	80
Aster alpinus	150	Blue	Green	5-6	150
Aster linosyris	250	Yellow	Green	6-7	100
Aster pyrenaeus 'Lutetia'	250	Pink / blue	Green	6-8	150
Aster sedifolius 'Nanus'	150	Pink	Green	5-8	150
Aubrieta cultorum	100	Blue / pink / white	Green	4-5	150
Buglossoides purpureoaeerulea	200	Blue	Green	5-7	150
Buphthalmum salicifolium	500	Yellow	Green	6-7	150
Campanula carpatica	200	Blue / white	Light green	7-9	150
Campanula garganica "Major"	150	Light blue	Green	6-7	140
Campanula glomerata	500	Blue	Green	5-7	140
Campanula poscharskyana	150	Light lilac	Green	6-9	140
Campanula rotundifolia	300	Blue	Green	6-8	140
Centaurea scabiosa	400	Blue	Green	6-7	100
Cerastium tomentosum "Silberteppich"	150	White	Grey	5-6	100
Chrysanthemum leucanthemum	400	White	Green	6	80
Chionodoxa luciliae	100	Blue	Green	3-4	80
Cichorium intybus	700	Blue	Green	7-8	100
Clinopodium vulgare	500	Pink	Green	7-9	80
Crocus (wilde soorten)	150	Mixed colours	Green	3-4	80
Daucus carota	500	White	Green	8-9	140
Dianthus arenarius	100	White	Green	7-9	120
Dianthus armeria	300	Pink	Green	7-8	100
Dianthus carthusianorum	200	Pink	Green	6-7	80
Dianthus deltoides	200	Pink	Green	6-7	80
Dianthus gratianopolitanus	200	Pink / red / white	Green	6-8	100
Dictamnus fraxinella	200	White / pink	Green	5-8	150
Echium vulgare	800	Light blue	Green	5-8	140
Erigeron acer	300	Lilac	Green	6-8	100
Erodium cicutarium	300	Pink	Green	4-10	80
Eryngium bourgatii	400	Silver / blue	Green / grey	5-7	150
Euphorbia cyparissias	150	Yellow	Green / grey	5	100
Euphorbia myrsinites	250	Yellow	Green	4-6	100
Euphorbia polychroma	400	Yellow	Green	5-8	150
Fragaria vesca	200	White	Green	4-6	120
Galium verum	300	Yellow	Green	6-10	100

Herbs

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Geranium macrorrhizum	200	Purplish red	Green	5-7	80
Geranium magnificum	500	Lilac	Green	6-7	80
Geranium sanguineum	200	Red	Green	6-7	100
Gypsophila hybr. 'Rosenschleier'	150	Pink	Green	5-6	150
Gypsophila repens	150	White	Grey / green	6-7	150
Helianthemum nummularium	200	Yellow	Green	6	150
Hieracium aurantiacum	200	Rood	Green	6-8	80
Hieracium pilosella	150	Yellow	Green	7-10	80
Hieracium x rubrum	250	Red / orange	Green	5	80
Hutchinsia alpina	100	White	Green	5-7	100
Hypericum perforatum	150	Yellow	Green	5-8	150
Hypericum polyphyllum	300	Yellow	Green	6-8	150
Hyssopus officinalis	300	Blue	Green	6-8	120
Inula ensifolia	600	Yellow	Green	5-6	150
Inula hirta	250	Yellow	Green	6-9	150
Iris barbata 'Nana'	300	Blue / purple / yellow / white	Green	4-6	100
Iris germanica	400	Mixed colours	Green	7-8	120
Iris pumila	250	Mixed colours	Green	6-7	100
Iris tectorum	500	Blue / white	Green	8-9	100
Jasione laevis 'Bluelight'	400	Blue	Green	6-8	150
Jasione montana	450	Blue	Green	6-8	100
Knautia arvensis	500	Blue	Green	5-8	120
Lavandula angustifolia	399	Blue / purple	Grey / green	7-8	100
Lavandula angustifolia 'Rosea'	400	Pink	Grey / green	7-9	100
Linaria cymbalaria	600	Light purple	Green	6-9	100
Linaria purpurea	600	Purple	Green	7-10	150
Linaria vulgaris	600	Yellow	Green	7-10	80
Linum perenne	300	Blue	Green	6-7	150
Lotus corniculatus	300	Yellow	Green	5-10	80
Muscari armeniacum	150	Blue / white	Green	3-6	80
Nepeta x fassenii	300	Blue	Grey	6-7	120
Ononis spinosa	150	Pink	Green	6-8	120
Origanum vulgare	500	Lilac-pink	Green	7-9	80
Ornithogalum umbellatum	200	White	Green	4-5	100
Petrorhagia saxifraga	200	Pink / white	Green	6-8	80
Plantago media	400	Pink	Green	5-7	80
Potentilla argentea	300	Yellow	Green	7-8	100
Potentilla neumanniana	150	Yellow	Green	3-4	100
Potentilla verna	100	Yellow	Green	3-5	100
Prunella grandiflora	200	Purple	Green	6-8	100
Prunella vulgaris	400	Purple	Green	5-9	100
Pulsatilla vulgaris	200	Blue	Green	3-4	100
Ranunculus bulbosus	300	Yellow	Green	6-8	100
Rumex acetosella	300	Green / red	Green	5-7	120
Salvia nemorosa	600	Blue	Green	6-8	150
Salvia pratensis	400	Blue	Green	6-8	150
Sanguisorba minor	150	White	Green	6-7	100
Saponaria ocymoides	150	Pink	Green	5-8	120
Saponaria officinalis	800	White / pink	Green	6-9	100
Saxifraga arendsii	200	White / pink / red	Green	4-5	80

Herbs

Latin term	Height in mm	Colour of flower	Colour of leaf	Flowering	Thickness substrate layer
Saxifraga cotyledon	300	White	Green	6-7	80
Saxifraga rotundifolia	700	White	Green	6-10	80
Scabiosa canescens	250	Blue	Green	6-9	100
Scabiosa columbaria	250	Blue	Green	6-9	120
Silene vulgaris	700	White	Green	7-9	100
Tanacetum vulgare	800	Yellow	Green	7-9	100
Teucrium chamaedrys	250	Pink	Green	7-8	120
Thymus montanus	100	Pink / lilac	Green	7-10	100
Thymus pulegioides	350	Lilac-pink	Green	5-10	100
Thymus serpyllum	50	Lilac-pink	Green	6-7	100
Thymus vulgaris	200	Lilac-pink	Green	6-7	100
Trifolium arvense	350	Greyish white	Green	7-10	80
Tulipa sylvestris	250	Mixed colours	Green	4-5	120
Verbascum bombyciferum	600	Yellow	Green	7-8	120
Verbascum nigrum	900	Yellow	Green	8	150
Verbascum phoeniceum	600	Purple / red	Green	7-8	100
Verbascum thapsus	600	Yellow	Green	7-8	120
Veronica incana	500	Dark blue	Silver / grey	7-8	150
Veronica spicata	500	Pink / purple / white	Green	7-8	150
Veronica teucrium	400	Blue	Green	7-9	80
Viola arvensis	200	White	Green	4-10	80
Waldsteinia geoides	250	Yellow	Green	5-6	150
Waldsteinia ternata	100	Yellow	Green	5-6	150

Grasses

Latin term	Height in mm	Colour of flower	Colour of leaf	Flowering	Thickness substrate layer
Anthoxanthum odoratum	500	-	Green	5-6	120
Briza media	250	-	Green	5-6	150
Bromus tectorum	400	-	Green	6-7	120
Carex buchananii	400	-	Green	7	120
Carex flacca	300	-	Green / blue	6-8	120
Carex humilis	150	-	Green	6-7	120
Festuca amethystina	200	-	Green	5-7	120
Festuca filiformis	500	-	Green	6-7	120
Festuca glauca	500	-	Grey / blue	6-7	120
Festuca mairei	600	-	Green	8	120
Festuca ovina	300	-	Grey / green	5-7	120
Festuca rubra	400	-	Green	5	120
Festuca rupicaprina	200	-	Green	5-6	120
Festuca valesiaca	200	-	Green	5-7	120
Helictotrichon sempervirens	500	-	Green	8	120
Koeleria glauca	250	-	Silver / green	6-7	120
Luzula nivea	500	White	Green	6-7	150
Melica cilata	400	Creamy white	Green	5-6	150
Pheleum phleoides	500	White / green	Green	6-7	120
Poa alpina	400	Yellow	Green	5-6	120
Poa compressa	200	-	Green	6-7	120
Stipa pennata	500	-	Green	6-8	140

Species that aren't suitable for green roofs

Latin term

Grasses and Bamboo

Bamboo species (almost all types)

Arundo donax

Achnatherum calamagrostis

Ammophila arenaria

Brachypodium (all species)

Calamagrostis (alle species)

Carex (except for the species mentioned above)

Chloris barbata

Elymus (all species)

Leymus (all species)

Miscanthus (all species)

Wooden species

Aesculus parviflora

Aralia elata

Aronia melanocarpa

Berberis vulgare

Cornus stolonifera

Eleagnus commutata

Populus alba

Prunus spinosa

Pterocaria fraxinifolia

Rhus (all species)

Sorbaria sorbifolia

Rosa (all species)



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