



Barrett / EcoCline

High Performance  
Living Roofs



EcoCline

## EcoCline Vegetation Technical Data

### METHOD OF ESTABLISHMENT

Cuttings (pictured at right), plugs (pictured at far right) will be used to propagate the roof with desirable vegetation. Plug planting will occur immediately upon installation. Planting may occur any time other than during freezing conditions. Immediately following installation, post-installation Stewardship will be provided by Furbish as part of the Barrett / EcoCline Vegetation Warranty. This service includes supplemental planting with cuttings and providing temporary irrigation as needed to ensure that the roof reaches at least 80% coverage within one growing season. Permanent irrigation is not required for EcoCline.

### PLANT SPECIES

EcoCline vegetation is selected to be ideally suited to the project's microclimate. Typical species are listed below.

*Allium cernuum* (a)

*Allium schoenoprasum* (a) (D)

*Allium senescens montanum* (a)

*Delosperma cooperi* (D)

*Delosperma nubigenum* (D)

*Dianthus carthusianorum* (a) (D)

*Phedimus takesimensis* 'Golden Carpet' (D)

*Sedum acre*

*Sedum aizoon* 'Euphorbiodes'

*Sedum album* (D)

*Sedum album* 'Murale' (D)

*Sedum hybridum* 'Immergrunchen'

*Sedum kamtschaticum* (D)

*Sedum kamtschaticum* var *floriferum* 'Weihenstephaner Gold' (D)

*Sedum oreganum*

*Sedum pulchellum*

*Sedum reflexum* 'Blue Spruce'

*Sedum rupestre* 'Angelina'

*Sedum sieboldii*

*Sedum sexangulare*

*Sedum spurium* 'Fuldaglut' (D)

*Sedum spurium* 'John Creech' (D)

*Sedum spurium* 'Roseum' (D)

*Sedum spurium* 'White Form' (D)

*Sedum telephium* 'Autumn Joy'

*Talinum calycinum*

(D) Typically dominant species

(a) Typically accent species



Cutting (3/4" length +/-)

Plug (1" dia. x 3" deep)

## EcoCline Accessory Technical Data

### ROOT BARRIER

Material	HDPE
Thickness	20-80 mils
Density	>= 0.94 g/cc
Tensile Strength at break	122 lbs/in
Tensile Strength at yield	63 lbs/in
Elongation at break	700%
Elongation at yield	13%
Tear resistance	21 lbs
Puncture resistance	48 lbs
Carbon black	>= 2%
Oxidative Induction Time	>100 minutes
Seams	Taped or heat welded

### EDGING

Material	Aluminum
Configuration	L-shaped, perforated
Height	>= green roof profile thickness
Width	>= green roof profile thickness
Wall thickness	16 gauge (0.050 inches) min. varies with height of profile

### ROOF GRAVEL

Vegetation free zones, if required.

Material	Locally quarried rounded stone No deleterious materials
Size	ASTM 1863
Organic Content	None

Cultivar selection is subject to availability. Species composition may be expected to change over time as the living roof matures.

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