



Thuja occidentalis 'Smaragd'



Height	4 - 6 m, fast growing
Crown	narrow pyramidal, dark, dense crown
Bark and branches	twigs green to orange-brown, bark reddish brown, scaling in narrow strips
Leaf	scales, glossy bright green, evergreen
Flowers	inconspicuous, fragrant flowers
Fruits	oval cones, light brown, scaly
Spines/thorns	None
Toxicity	has toxic components
Soil type	any
Soil moisture	suitable for dry soil, withstand short flood
Paving	tolerates no paving
Winter hardiness zone	3 (-40,0 to -24,5 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind
Application	parks, cemeteries, industrial areas, large gardens, small gardens
Shape	clearstem tree, clearstem conifer, specimen conifer, hedge plant
Origin	D.T. Poulsen, Kvistgård, Denmark, 1950
Synonyms	Thuja occidentalis 'Emeraude'

Small, narrow pyramidal growing conifer with a very dense crown. The height is 4 to 6 m and the width approx. 1.5 m. The bark is reddish brown and peeling off in long strips. The flattened, highly branched young twigs are green first, later turning orange-brown. The twigs are arranged more vertically than on other cultivars. The scaly foliage is arranged in shingle form. It is lustrous bright green and keeps this colour in winter too. When crushed the foliage gives off a characteristically pleasant fragrance. The blossom and the oval cones which follow are inconspicuous. Pruning is exceptionally well tolerated which has contributed to the popularity of 'Smaragd' as hedge plant for small gardens. The lustrous bright green foliage that does not change colour in winter adds important value. Grows on any soil and is very hardy.