

CaRoot 325





CaRoot 325 is the universal, vertically-deployed protector against roots for professional use in underground engineering, gardening, landscaping or the construction of paths. The special coating on a highly non-tear fibrous web stops the uncontrolled growth of roots. Due to this, typical problems such as damaged pipes and the necessary works in the case of uncontrolled root growth can be avoided.

CaRoot 325 is a combination of a highly reliable geotextile and a special PP-coating. This guarantees the impenetrability of roots, a high level of resistance against bacteria/chemicals and at the same time, water resistance. Despite the strength of the product, it can be processed easily by hand. CaRoot 325 is also 100% recyclable. Subject to technical modifications.

FIELDS OF APPLICATION

Vertical 'partition panel' between the plant and the pipes, cables or foundations

Vertical 'partition panel' between the plant and the paving and/or path building

As wrapping, permanent protection of pipes or lines

Creation of targeted, long-term root growth

BENEFITS

25 years warranty for protection against roots*

Impenetrable for roots

100% water resistance

Heavy duty, light and flexible

Simple installation

Resistant to bacteria and conventional chemicals

100% recyclable

TECHNICAL DATA

Mass per unit area (g/m ²)	325
Static puncture force	3455
Surface resistance of the coated side (µm)	45
Max. breaking force (longitudinally) (kN/m)	22.27
Max. breaking force (crossways) (kN/m)	22.2
Max. breaking force expansion (longitudinally) (%)	63.5
Max. breaking force expansion (crossways) ISO (%)	50
Stiffness/E-module (longitudinally) (N/mm)	76.2
Stiffness/E-module (crossways) (N/mm)	77.1
Roll width of 50 running meters (cm)	50/65/100/ 130/150/200
Roll width of 25 running meters (cm)	50/65/100/ 130/150/200

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CAROOT 325 AS PART OF A SYSTEM

In order to connect individual sections, we recommend CaRoot Click Connection. The use of CaRoot 420 UV should be especially considered in the case of aggressive root growth or natural weathering. For light covering work, we recommend CaGround.

* Before making a claim against the 25 years root protection warranty, please follow the CaPlast laying instructions and make yourself aware of the warranty provisions. The laying instructions can be found online at www.caplast.de or on the product insert leaflet.