



Cortiflex®

Elegant rust look for rural and vintage style borders

Technical data sheet

Applications

Driveways
Pathway limitations
Pavement boundary fixations
Enclosures of lawns, flowerbeds and lawn-grating slabs

Advantages

Four profile heights: 105 mm, 160 mm, 200 mm and 300 mm

High stability

Flexible and can be bent along arches and free forms without tools

Simple screw connection through hole patterns in the profiles and anchoring

High quality weatherproof resistant Corten steel



Cortiflex lawn edgings and borders in a warm patina colour provide for an attractive and individual way for separating different landscaping materials in a tidy, durable and appealing manner. High stability with solid concrete- and ground anchors, and a perforation pattern in the profiles, which facilitates individual cuts on site, are standard features of this system. The profile heights of 105 mm, 160 mm, 200 mm and 300 mm allow installation with visible upper edges for an overall decorative character.

Only a screwdriver is required for installation. The M8 round head screws with square neck, and the washers and nuts, are made of V2A stainless steel. The concrete and ground anchors, and the corner elements and fasteners with the straight profiles, are screwed together using the prefabricated holes – no special tools are required. In addition to 90° corner elements, 90° and 135° connectors are available, for producing T-shape constructions and slants.

Cortiflex profiles are supplied as brightly rolled structural steel. The desired patina finish occurs over the course of several weeks, and the final surface appearance is reached after about one year.

Technical data

Material: Corten steel, S355J2W
Surface: Brightly rolled delayed rusting
Dimensions: Profile heights: 105 mm, 160 mm, 200 mm and 300 mm
Profile thickness: 3 mm (105 mm + 160 mm) and 5 mm (200 mm + 300 mm)
Delivery length: 2,400 mm (item no C105N24, C160N24, C200N24 or C300N24)

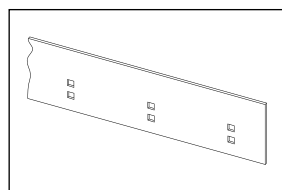
Installation

Concrete/ground anchor: Surface: Brightly rolled, delayed rusting, with 4+2 anchor /connection screw holes
also as connector) Thickness: 3 mm, L/B = 300 mm/30 – 120 mm (item no. CBA15 or CBA25)
Concrete/earth anchor: Surface: Brightly rolled, delayed rusting, with 2 anchor /connection screw holes and 2 round holes, Ø 9 mm
(short) Thickness: 3 mm, L/W = 200 mm/30 mm (item no. CBA10)
L-Shape anchor: 3 mm, 90° positioning anchor, L/W/H = 146 mm/30 mm/57 mm (item no. CKA10)

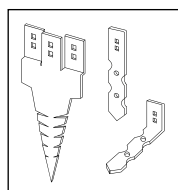
A 2.4 m straight profile section has six anchor connection screw holes. For a profile connection with a concrete/ground anchor or a shock connector, four sets of screws/washers/nuts are used. For a central additional anchorage two sets of screws/washers/nuts are required.

Equipment

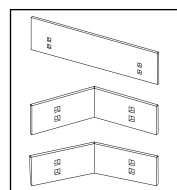
Shock connector: Straight connection element
Version: 3 mm, L = 140 mm, H = 60 mm (item no. CV140)
Special connectors: 90° and 135° connecting elements
Version: 3 mm, side length 70 + 70 mm, H = 60 mm (item no. CV90 or CV135)
Corner elements: 90° corner (custom designs available)
Version: 3 mm, side length 300 + 300 mm (item no. CEV105N90, CEV160N90, CEV200N90 or CEV300N90)



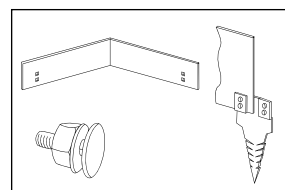
straight profile



concrete/ground anchor



joint connector



90° corner element, screw

Please visit our website for more information. It contains supplemental information to this product sheet, including further installation instructions, application examples, bidding specifications, product codes and reference projects. Data may change without notice as technology advances.

