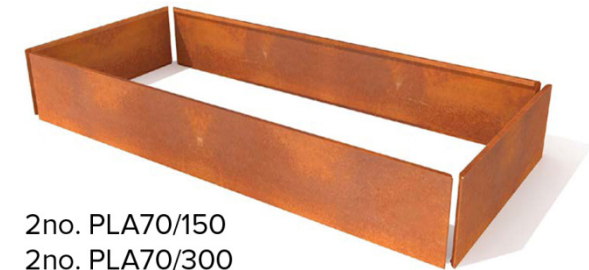


Planterline Modular Planter Panels

Product Properties		PLA30/50	PLA30/100	PLA30/150	PLA30/300	PLA70/50	PLA70/100	PLA70/150	PLA70/300
Dimensions	Panel height	290mm	290mm	290mm	290mm	660mm	660mm	660mm	660mm
	Panel length	430mm	930mm	1430mm	2930mm	430mm	930mm	1430mm	2930mm
	Panel thickness	2mm	2mm	2mm	2mm	2mm	2mm	2mm	2mm
	Panel top edge	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm
Other	Material specification	Corten A Steel							
	Recycling	100% recyclable							
	Weight	3Kg	6Kg	9Kg	18Kg	6Kg	12Kg	18Kg	36Kg



2no. PLA70/150
2no. PLA70/300

Description

Premium quality Corten A Steel planter panels available in various sizes. PLA70 panels shown in the example planter configuration to the right.

Applications

Street scenes or roof terrace applications. Each panel can be joined together at the corners to create square or rectangular planters. The Corten A Steel panels have a high resistance to corrosive conditions in normal environments and can be incorporated with polyethylene liners and tree irrigation systems.

Installation Information¹

Panels are supplied flat packed. Bolt together at the corners to create rectangles or squares. Bolt down into concrete foundation with concrete anchor bolts.

Storage & Handling

The product is flat-packed and securely loaded onto a wooden splint and sealed in clear plastic sleeving to ensure no movement of the product in transit. Depending on the size / weight of the consignment this may be palletised.

Whilst there is no specific weight restrictions on what is or is not safe to lift in manual handling, an assessment of the health and safety risks should be undertaken and measures taken to reduce the risk of injury so far as reasonably practicable.

The following guidelines may be useful:

- Each person should be fully trained in manual handling techniques.
- The use of handling aids such as a trolley, folk-lift, pallet truck or conveyor should be used if moving large volumes of cartons.
- Break up large consignments into more manageable loads.
- Ensure that the product is stored at a reasonable height, so avoiding the lifting of cartons from floor level or above shoulder height.
- Reduce carrying distances of cartons.

Protective Equipment

We recommend that PPE (Personal Protective Equipment) is used when installing Planterline panels:

- Good strong safety boots/shoes to protect the feet.
- Protective eyewear such as safety glasses.
- Strong gloves to protect the hands.
- If using loud cutting equipment then ear plugs or defenders should be worn.

Northpoint, Compass Park, Staplecross, E.Sussex TN32 5BS

t: +44 (0) 1580 830688

e: sales@kinley.co.uk

www.kinley.co.uk

First Aid

The Health and Safety Regulations 1981 require all construction sites to have the following:

- a) A first aid box with enough equipment to cope with the number of workers on site.
- b) An Appointed Person to take charge of first-aid arrangements. The Appointed Person looks after first aid equipment and facilities and calls the emergency services when required. Appointed Persons do not need first aid training.
- c) A First-Aider who has undertaken training and holds an HSE approved qualification to administer first-aid. This means that they must hold a valid certificate of competence in either:
 - First aid at work (FAW) issued by a training organisation approved by HSE
 - Emergency first aid at work (EFAW) issued by a training organisation approved by HSE
 - A recognised Awarding body of Ofqual/Scottish Qualifications Authority.
- d) The number of first-aiders will depend on the site.
- e) Information should be clearly displayed on site telling workers the name of the Appointed Person(s) or First Aider(s) and where to find them.

Fire Protection

Planterline panels are made using Corten A Steel which does not burn and is not a fire hazard.

Stability

Corten A is a high performance alloy that displays excellent resistance to atmospheric corrosion when compared to other steels, making it exceptionally suitable for urban installations of planters both in the commercial and public realm.

Corten A is a type of weathering steel which was developed to remove the need for regular painting and rust-prevention maintenance. This is achieved by the formation of a natural stable coating of dark brown oxidation across the metal's surface which acts as a barrier to the corrosive effects of rain, snow and other weather conditions.

Environmental Issues

Planterline panels are manufactured from Corten A Steel and are 100% recyclable. As a result the whole life cost of steel Planterline panels is excellent as they are sold for recycling not paid disposal.

The principal element used in the production of steel is iron, which is second only to aluminium in terms of natural abundance in the Earth's crust. At current extraction rates there is enough iron to last another 1000+ years.

Supporting Documents

More information on the Planterline products can be found at www.kinley.co.uk in the Resource Centre. In particular, look for the CAD Drawings, Installation Guide (IG-PLMO-0116) and the Brochure (BR-TB-0116).

1. The *Installation Information* given in this document is intended as a guide only. We recommend that professional opinions are obtained before work is commissioned. Kinley Systems Ltd accepts no responsibility for any damage or loss as a result of using the *Installation Information*. We will be happy to engage in any discussion with regard to specific project applications.