

Walkways

ADI



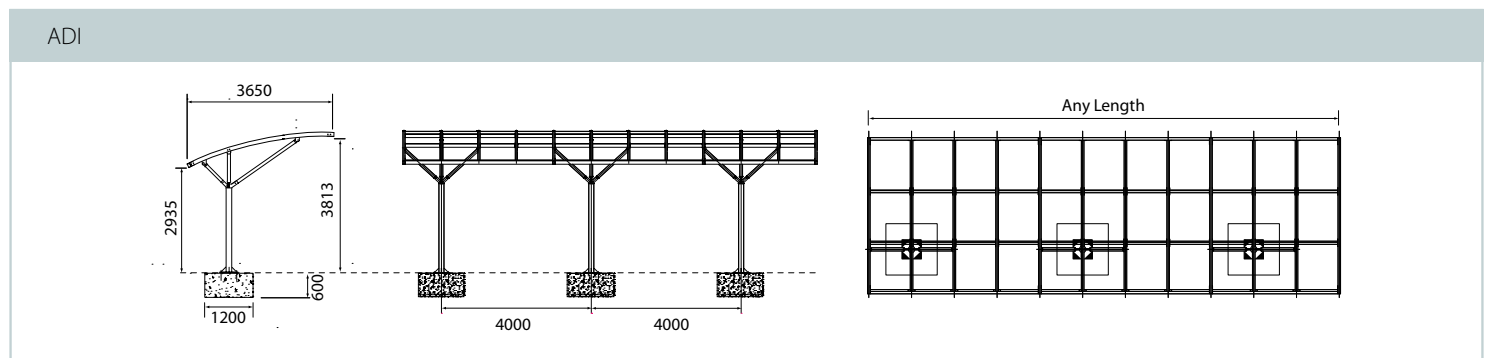
ADI Walkway, Peugeot Citroën Automobiles UK Ltd, Coventry

ADI walkways have a striking and innovative design which is ideal for use within modern landscapes. As with ADI canopies, its versatility allows the standard design to be adapted to suit the needs of your project.

ADI features two single tubular support columns which branch out into four smaller arms connecting to a roof framework. A choice of fixing options is available, please see the table below for details.

Any length of walkway is possible using any number of ADI structures.

The supporting columns, arms and roofing framework are manufactured from structural grade mild steel. Finish options include galvanised, galvanised and powder coated or zinc-rich primer and powder coated. Cladding option is PET.



Product Description	Dimensions				Fixing			OPTIONS				
	Height Lowest (mm)	Height Tallest (mm)	Length (mm)	Width (mm)	Surface	Base Plate	Root	Finish		Cladding		
								Galvanised	Galvanised & Powder Coated	Zinc-Rich Primer & PC	PET	Plastisol
ADI	2935	3813	Any	3650	■	■		■	■	■	■	

Case Study

Peugeot Citroën Automobiles UK Ltd, Coventry



Challenge

It was decided by Peugeot Citroën Automobiles UK Ltd to develop a 10,000m² headquarters and 5,000m² technical and training centre at their existing Stoke works site. The brief required a link to be established between the HQ and the technical training centre allowing for Peugeot Citroën delegates to move between the two buildings. The designated route is in part an underground subway spanning Humber Road and an external walkway within the Technical Training Centre feature garden area which includes planted areas and a block paving pathway. Nearing completion of the site the architect contacted Marshalls Urban Structures to discuss the supply and installation of a walkway. The walkway would provide shelter for staff travelling to the Headquarters building via the feature garden of the Technical Training Centre. The architect asked Marshalls Urban Structures if they could design a modern and contemporary walkway which fitted in with the surrounding area and to supply block paving and paving to create a cohesive look. The walkway itself connects the new training and service centre building to an underground subway which takes staff to the main headquarters building across Humber Road. Due to the vicinity of the site to the main road, the architect requested a solution that would be durable, secure and would stand up to any attempted vandalism, whilst still making a statement within the landscape.

Solution

Marshalls Urban Structures technical team set about finding a solution. One issue was the layout requested for the walkway. As the pathway was not in a straight line between the two points, the design had to incorporate a turn which presented various structural problems. A number of designs were considered in the early stages, however, after careful consideration it was decided to use the versatile capabilities of the Marshalls Urban Structures ADI shelter and use it to create a unique walkway, along with suitable paving, drainage and other items of street furniture. The walkway utilises the standard design of the ADI Walkway which features two single tubular support columns which branch out into four smaller arms connecting to a roof framework. The main structure features two runs which meet and allow the structure to turn. One structure is taller than the other ensuring structural strength throughout the walkway and which allows for suitable water run off. A highway wayleave along the perimeter of the retaining wall necessitated a demountable section of the walkway. The ADI shelter has inherent capacity of allowing sections to be dismantled with ease, as fixings are accessible and the base plate for this section of walkway being above FFL. The entire structure is constructed from grade S275 J2 steel which has been finished with a zinc rich primer and polyester powder coating in RAL 9006 Aluminium. The product was also specified with base plate fixing, which was bolted to concrete pads. The main pathway also features a range of Marshalls block paving including La Linia 200mm x 100mm concrete block paving in Light Granite. La Linia was chosen because of its aesthetic qualities and because of its design flexibility which provides a high-quality hard landscaping solution. The La Linia range is created through Marshalls' partnership with Stein + Design and the varied colour range allows the designer to add important detail to a scheme, giving the perfect finishing touch to the area, which suited the design on the site.

Benefits

Marshalls Urban Structures' ADI Walkway has provided a safe, secure walkway for Peugeot staff to move between the two parts of the site. The design also provides a robust and durable product which will allow the walkway to stand up to any attempted vandalism. By using a variety of block paving on the site, the client now has a durable hard landscaping solution which complements its surroundings and the street furniture installed upon it. The finish and colour of the ADI Walkway will ensure the product is protected adequately against rust and corrosion, as well as naturally blending into the serene garden.