

## Project Profile - Buildings & Commercial Construction



### PROJECT

Pauian Archiland HQ Building,  
Taiwan

### SUMMARY

Protective coating of external  
walls totalling 2,400m<sup>2</sup>

### PRODUCTS

Monodex Textured, Monodex  
Ultra

### CLIENT

Pauian Archiland

### DISTRIBUTOR

Parallel Industrial Co., Ltd

### BACKGROUND ►

Pauian Archiland is a Taiwanese-based company which operates across a number of market sectors, namely architecture and construction, design and engineering, logistics, real estate, advertising, restaurants and sports. With a large new headquarters building based in Neihu, Taipei, the company even owns a semi-professional basketball team known as the Pauian Archiland Basketball Team which plays in the Super Basketball League of Taiwan.

The new HQ is an impressive multi-storey building which is glass-fronted and also composed of concrete construction. A durable, aesthetic, anti-carbonation coating was required for application to the new concrete walls to provide them with effective weatherproofing properties and protection against carbon dioxide diffusion. The coating needed to be able to withstand harsh climatic conditions, with hot, humid summer months and typhoon conditions between June and October.

### THE SOLUTION ►

Parallel Industrial Co., Ltd recommended a Flexcrete coatings package in order to enhance the exterior of the building. Flexcrete's Monodex coatings were specified as they offer decorative, anti-carbonation protection and can extend the life expectancy of both newly constructed and existing buildings. With water-based, low hazard, high build formulations, they are ultra-fast drying, enabling two coat applications on the same day even in inclement weather conditions. They incorporate an active in-film fungicide which inhibits the growth of mould, fungi and lichens and remain unaffected by exposure to direct sunlight, ensuring buildings maintain a bright, clean appearance for many years.

In order to achieve the required appearance, the first coat comprised Monodex Textured – a highly engineered, waterborne, single component, acrylic-based decorative wall coating with an attractive textured finish. Following this, a coat of Monodex Ultra was applied. Monodex Ultra is an elastomeric, water-based coating with a smooth finish. Like Monodex Textured, it provides excellent protection against carbonation and water ingress. Its vapour permeable nature allows damp substrates to breathe and dry out without blistering of the coating. Both coats were applied by spray to achieve a high quality finish.

Monodex Textured and Monodex Ultra are both CE-Marked in accordance with the demands of EN 1504 Part 2 and can be relied upon with absolute confidence. They are available in a range of both standard and special colours, of which grey was chosen for this project.



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