RESIBLOCK™

Sealing, Stabilising, Protecting Paving

CASE STUDY

Project: **Resiblock in India**

Contractor: **Earth Pavers**

Paver Type: **Concrete Block Paving**

Area: **Circa 20,000m²**

Site: **Aircraft Aprons, Helicopter Pavements, Mountain Through Roads**

Product: **Resiblock '22'**

Date: **2023-24**

The Site

As the largest country in the world by population, the people of India have longed utilised the unique geographic make up of their country to build and maintain infrastructure for its ever-expanding nation. It is, therefore, quite common to come across high-altitude airfields throughout India, but especially in the countries North.

The Challenge

Alongside heavy duty trafficking generally associated with Airports and Through Roads, such as vehicular weight and landing impact, rotary downwash caused by both jet engines and helicopter blades presented a real challenge of maintaining joint stabilisation, and ultimately the lifespan of block paving that had been installed. The aggressive terrain of where these sites are located also called for a solution that required minimal maintenance.

The Solution

With similar Resiblock solutions employed at RAF stations such as Spadeadam, Benson and Kinloss, Resiblock has considerable experience providing solutions to these environments and recommended the use of Resiblock '22'. Resiblock 22 further enhances the performance of block paving by stabilising sand-filled joints, ensuring optimal cohesion and preventing erosion caused by rotor wash and landing impacts.

This innovative sealant acts as a protective barrier, extending the lifespan of the pavement and minimising maintenance requirements, a critical advantage in remote and rugged terrains in Northern United Kingdom and like those found at high-altitude airfields in Northern India.

Benefits at a Glance:

- One pack material
- Easy application
- Prevents sand erosion from paver joint
- Prevents the ingress of water and fuel infiltration to the sand laying course
- Maintains structural stability under heavy duty trafficking
- Elastomeric bond works in tandem with paver system

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