

Case Study

Barracks

Hampshire

Flooring and Concrete Repair & Protection

Sikafloor®, Sika® MonoTop®, Sika® Rapid Repair Mortar **Sika Products:**

Client: Ministry of Defence

Specifier: Stephens Cox Associates Limited

Contractor: Brymore

Sub Contractor: Structural Renovations

Tidworth barracks were originally constructed in 1905. There was an external walkway/balcony which required waterproofing due to the underside having spalled concete.



Barracks, Hampshire

Sika provided Sika® Rapid Repair Mortar along with Sika® MonoTop® 620 and Sikafloor® 400N to repair, protect and waterproof the damaged areas. Thus giving the structure at least another 50 years of service.

Sika® Rapid Repair Mortar

Traditionally the localised repair of concrete damage and defects has been undertaken using hand-placed repair mortars. Sika provides an extensive range of pre-batched, hand-applied repair mortars for general repair purposes and also for very specific repair purposes. These include lightweight mortars for overhead application and chemically resistant materials to protect against aggressive gases and chemicals.

Sika® Rapid Repair Mortar is a one component fast setting cementitious repair mortar, meeting the requirements of Class R4 of BS EN 1504-3.

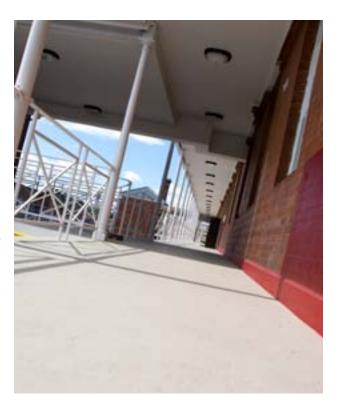
Uses:

For repairing all types of structures

- · Horizontal and vertical repairs
- · Hand applied repairs
- · Floor slabs and car park decks
- · For exterior and interior use
- In place of R1, R2 & R3 mortars

Characteristics/ Advantages:

- Pre-bagged for quality
- Just add water
- · High early strength
- Rapid setting
- Contains no chloride admixtures
- Non corrosive to steel
- Can be overcoated





References

Cwmbran Stadium – Stadiums Gatwick Airport South Terminal – Airports BMW Swindon – Automobil Industry Wembley Central - Car Park Ironbridge Power Station – Cooling Tower Land Registers Office – Office Buildings Embankment – Footpaths Anopol – Metals & Forging Gilbert House – Traditional Housing



For further information or to discuss your project requirements

E-mail contractors@uk.sika.com or telephone 0800 112 3863