



constructive solutions

CUSTOMER: National Storage
CONTRACTOR Murex Group
SECTOR Self-storage
DATE April 2024

PRODUCTS

- Nitoprime 330
- Cemtop HD30



Water damaged concrete can blow budgets and push out deadlines but with Fosroc Cemtop HD30, project managers can quickly get projects back on track.

THE PROJECT

When leaking rainwater damaged the newly poured concrete floor of a National Storage facility in Brunswick in inner Melbourne, project managers turned to Fosroc.

The water damage had resulted in egg-shell cracking across the entire concrete surface, compromising its integrity.

The client wanted a solution that would deliver a durable, long-lasting, hard-wearing surface without having to replace the newly poured concrete.

THE SOLUTION

Cemtop HD30 was the stand out solution for this project. A cementitious, waterproof floor topping, Cemtop HD30 is ideal for re-surfacing rain damaged concrete.

Prior to application, the concrete surface was carefully prepared.

Step 1: Cracks were cleaned up using a grinder and the surface thoroughly brushed clear of any debris.

Step 2: The surface was primed using Nitoprime 330 to seal the substrate and prevent pinholes, promote adhesion and help prevent desiccation of the floor topping.

Step 3: Cracks were filled with Cemtop HD30.

Step 4: Cemtop HD30 was applied to the entire area at a minimum depth of 2mm using notch trowels. Applicators completed small areas at a time, carefully applying only enough product that could comfortably be completed within 15 minutes.

Step 5: The surface was finished off with sponge trowels to give a smooth fresco finish.

The result was an attractive, hard-wearing floor that will stand up to the wear and tear of the storage facility for years to come.

THE BENEFITS

Cemtop HD30 offers the following benefits:

- Can be used internally or externally
- Capable of withstanding heavy traffic
- Easy to apply and maintain
- Can be applied to a many different substrates
- Offers a range of textured finishes
- Resistant to abrasion and many industrial chemicals.
- RCS-hazard free



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