

PAVING

Coatings for Landscape environment

matching Council pavilion to new coloured concrete paving works

The council had upgraded the sports pavilion, matching old structures to new facilities. The Architects had specified new pre coloured concrete paving to be laid surrounding the oval and pavilion in 'Mediterranean' and 'grey' tones.

The task was to match the colours and texture of the new concrete paving works with the existing concrete steps and walkways surrounding the pavilion.

The solution was to use a flat finish modern water based acrylic flooring coating, colour matched to the site requirements. Thus providing a tough surface, which is easily maintained.

PRODUCTS USED

Sika Mono Top 620 – cementitious fairing coat

Decracoat – water based acrylic floor coating

BEFORE



AFTER

'HOW TO' INSTRUCTIONS



PREPARATION:

Preparation is the key to a good job.

This sporting pavilion has seen many years of operation, with recent upgrades to the building. However the concrete steps and seating go back to the post war period. The zone needs a thorough cleaning to provide a good surface for bonding.

Usual tools are scrapers, brooms, Xylene or stain removal products and water pressure cleaning

CUT IN PROBLEM AREAS:

Start by identify problem areas, plan to fix these areas first. Typically the old concrete areas with have chips and cracks which needs repair. Additionally, where new concrete works abuts old, the job may need detail finishing off or matching.

Use a fairing product like Sika Mono Top 620 for repair work.

APPLICATION METHOD:

1. Complete the 'cut in' of concrete repair in the areas nominated for detail work.
2. Obtain an accurate colour match of the finished coating product.
3. Brush in a coat of floor coating to the edges and cover the repair zones. (If the condition of the concrete is of concern, first apply a concrete sealer to form a vapour barrier and strong bonding surface)
4. Coat the entire surface with the floor coating product using a suitable roller.
5. Repeat this process until the area is covered with at least two coats. Many jobs may require a third coat. Clean up tools and work area.
6. Secure work area to allow time to cure, before allowing traffic in the work zone.

SAFETY CONSIDERATIONS:

Safety should always be considered. The main considerations for this type of job is the physical conditions rather than product hazards. Protective eye, breathing and work wear are particularly important. Product safety is highlighted on the packaging, noting that most water based coatings are relatively benign.