BENCHMARK PROJECT MANAGEMENT (UK) LTD
CASE STUDY

Title: Annual Airfield Maintenance Works

Location: RNAS Yeovilton. RNAS Merryfield & RNAS Culdrose.

General Scope: Improve & prolong the condition of airfield surfaces by undertaking various concrete & asphalt repairs, highlighted in the Monthly BPM Technical Inspection Reports.

Works included:

- Saw cut, remove & dispose of moribund sealant, clean, prime, pack with somic chord & replace with a new high-performance machine grade sealant.
- Clean, then heat concrete surfaces, lay resin & cast Quartz grit in-accordance with the Addagrip 1000 resin-surface system.
- Scabble & carry out high strength two-part epoxide repairs to damaged edges of concrete slabs and into surface pop-outs.
- Over-band & seal bifurcated cracks in asphalt, with hot bitumen.
- Hydro-blast poor quality airfield markings, then reinstate markings with two-coat epoxide paint, using a self-propelled mobile spraying unit & including calcined flint aggregate.
- Over-band & seal cracks in asphalt with hot bitumen.
- Plane out 40mm depth of defective asphalt, sweep clean, apply bond coat & machine lay 40mm thick of SMA10 PMB 55PSV.
- Set out & lay airfield markings in epoxide paint.

Duration:	**Client:**	**Value:**
12 Week	VIVO Defence Services	£1,075,000.00

Innovation:

- Tactical, flexible and an accelerated working programme to accommodate flight movements for both The Navy & The Gliding Club, on the various runways.

Heating up the surface of the concrete dispersal slab with an HCA pedestrian gas heater drier.

Casting fine Quartz aggregate on top of the freshly laid Addagrip 1000 resin system.

For more information contact:

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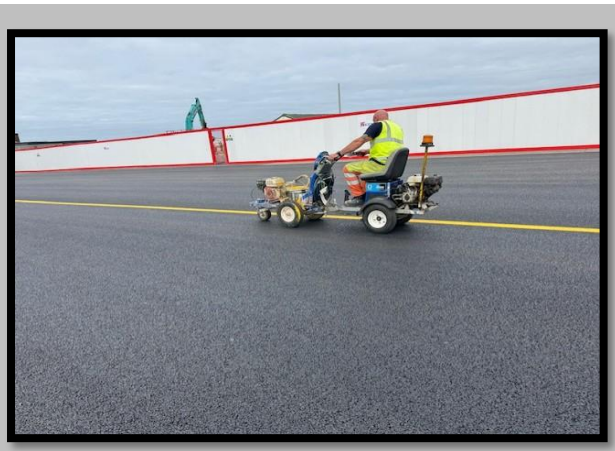
Lay & compact SMA 10 surface course



Epoxide paint application to new mat

Saw cut & remove moribund joint sealant

Reinstate joint with pump grade sealant

Customer Comments:
"Very many thanks to all involved, particularly the contractor - Benchmark".

Royal Navy - Senior Air Traffic Control Officer (SATCO)

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