

Long Term Floor Protection with MaxiCoat

IT'S a fact that aircraft leak fluids, invariably on the workshop or hangar floor. A key to effective clean-up is a surface from which to start. Bare concrete doesn't cut it, either for cleaning purposes or when looking for that tiny dropped nut or other component that easily rolls away into the grime.

Industrial coating products supplied by Timaru based importer and distributor KemTek, are proving their worth not only on floor surfaces but also as a complete surface solution when applied to walls.

Maxicoat is a two-part water dispersed top coat which not only exhibits the physical and chemical strengths of an epoxy but also provides the safety and convenience of water as the solvent. It may be applied by brush, roller or spray without the need for any petrochemical additives.

KemTek Technical Advisor Steve Timmings told KiwiFlyer that correct preparation of the surface is the key to getting a long life from the product. The proof is that high-use industrial applications down since 2007 are not requiring recoats.

Steve notes; "As the product is water based it is easy and safe to use, there are no hidden costs since no expensive, dangerous or toxic solvents or thinners are required for clean up. As well as having a high rating in chemical resistance, Maxicoat also exhibits no hot tyre pickup which is an important factor for floor paints.



A MaxiCoat floor in the Helicopters NZ hangar.

A range of bright colours and pastel shades is available and being acrylic, the film produced is not prone to cracking, chipping or peeling. It provides good resistance to hydrostatic pressure."

When applied to a new concrete floor it is essential to apply a pre acid etch coat during surface preparation, usually a 32 - 34% hydrochloric acid (spirit of salts) solution. Other surfaces benefit from application of KemTek's Metalfix base coat prior to the Maxicoat finishing system. Two finishing coats are required, with one day between applications.

Maxicoat is supplied as a two part product mixed in equal quantities. Part A is the resin plus base pigments and part B is the hardener.

"It's worthwhile prepping the floor well," Steve reiterates. "Any evidence of flaking of the existing coat needs to be removed

and where there is any ingrained fluid residue present, acid etching is imperative. Industrial and automotive use has proven the product and initial applications in the aviation sector are adding to that data pool" he said.

For more information

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