

A.W.F. E.M.LIQUID **CERAMIC-FLEX F.G.**

AWF E.M. Liquid Ceramic-Flex F.G. is a high performance solvent free flexible poly ceramic repair coating designed for the resurfacing of equipment operating in fluid flow environments and is ideal for resurfacing, propellers, kort nozzles, guide vanes and tube sheets etc.

AWF E.M. Liquid Ceramic-Flex F.G. is based on a complex blend of high molecular weight and urethane polymers blended with inert pigments and silicas reacted with a amine accelerated isocyanate resin which produces a system with the optimum physical and mechanical strength.

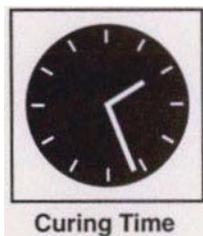


All dirt and contamination should be removed, then surfaces should be degreased using AWF All Purpose Cleaner. Surfaces should now be abrasive blasted to Sa2½ BS7079: Part A1 1989 or equivalent with a medium to coarse profile. Equipment which has become salt impregnated due to service conditions should first be wet blasted then dry abrasive blasted and checked for presence of salts. This process should be repeated until the salts are removed. Alternatively surfaces should be warmed with a blow torch or heat gun to bring salts up to the surface. The surface should once again be blast cleaned. All residual abrasive dust should be blown clear of the prepared surface. Surfaces which are not required to bond to the AWF E.M. Liquid Ceramic-Flex F.G. should be treated with AWF Release Agent.



AWF E.M. Liquid Ceramic-Flex F.G. is a two part solvent free material comprising Base & Activator components which must be mixed together prior to use. Add all the contents of the activator container into the base container and mix thoroughly. Alternatively measure three volumes of base and one volume of activator into a clean container and mix until completely streak free.

<u>Mixing Ratio:</u>	<u>Base</u>	<u>Activator</u>	
	3	1	by volume
	3	1	by weight



Drying, Curing times @ 20°C

Usable life	20 minutes
Touch dry	2 hours
Hard dry	4 hours
Full cure	7 days



Once you have mixed the Base & Activator together, you have approximately 20 minutes to use the mixed material

APPLICATION DETAILS



Application should be carried out as soon as possible after the surface preparation is complete, and certainly within 4 hours otherwise flash blasting will be necessary before application.

The mixed material should be applied by brush to provide an even smooth coating to the prepared/filled surface.

All equipment must be cleaned IMMEDIATELY after use with AWF All Purpose Cleaner.



0.8m²/kilo at 1mm (8.6ft²/kilo at 20mil)

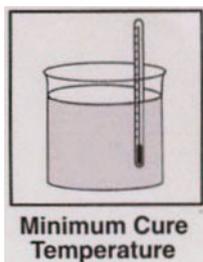
Physical Constants:

<u>Appearance</u> Base:	Light Grey Thixotropic Liquid
Activator:	Brown Liquid

Volume Solids	100%
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V.O.C.	Nil
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Supplied in 1kg packs



This product should not be used if the temperature or the surface to be coated falls below 5°C.



Use within 2 years of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F)



As long as normal good practice is observed E.M. Liquid Ceramic Flex F.G. can be safely used.

Protective gloves should be worn during use. A fully detailed Material Safety Data Sheet is available on request.

If you have any questions or queries regarding this data sheet or the application of this product, please contact us before you use the product.