

A.W.F. FLEXIBLE RUBBER 60 F.G.

AWF Flexible Rubber 60 F.G. is a 60 durometer high performance fluid elastomer which has been specifically developed for the resurfacing of Rubber components and is suitable for use on impellers chutes, hoppers, valves, rollers, gaskets, hoses, conveyor belts, etc.



Preparation

All existing dirt, oil and grease should be removed and the surface wiped with AWF Universal Cleaner. Any areas of frayed or fragmented rubber should be cut away to provide a sound repair area. Smooth surface including metals should be mechanically etched to produce a good preparation profile with abrasive blasting being preferred for metal substrates. Rubber surfaces are best roughened using a stiff wire brush. Edges of repair areas of belts, hoses, tyres etc should be undercut.



Mixing Ratio

AWF Flexible Rubber 60 F.G. is a two part material consisting of a Base & Activator resin which must be mixed together prior to use. The Base should be poured into a suitable mixing container and stirred thoroughly. The Activator should be added to the Base Resin and thoroughly mixed together to produce a streak free viscous liquid. Thorough mixing is extremely important and once the material appears mixed a further period of mixing should be carried out to ensure there is no unmixed material.

<u>Mixing Ratio:</u>	<u>Base</u>	<u>Activator</u>
	2	1 by volume
	2	1 by weight



Curing Time

Drying, Curing times at 20°C

Initial set:	3 hours
Machining:	16 hours
Full mechanical:	3 days



Pot Life

Once you have mixed the Base and the Activator together, you have approximately 25 minutes to use the mixed material.

APPLICATION DETAILS



PRIMING

All areas to be repaired or resurfaced should be first primed with AWF Primer. The primer should be applied with a soft bristled brush to give an even but low coating thickness taking care to avoid ponding of the primer. The primer should be allowed a minimum of 60 minutes and a maximum of 8 hours at 20°C before applying AWF Flexible Rubber 60 F.G.

For resurfacing, the mixed material should be applied evenly to the primed surface with a clean brush. When a second coat is needed the material should be applied as soon as possible after the initial set and within 24 hours of the first coat.

All equipment must be cleaned immediately after use with AWF Universal Cleaner.

APPEARANCE

Base:

Opaque Soft Gel

Activator:

Coloured Viscous Liquid

VOLUME SOLIDS

100%

V.O.C.

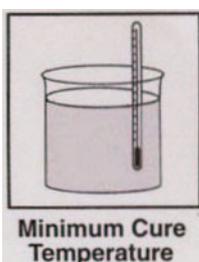
Nil

SHORE A HARDNESS

60



N/A



5°C



Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C and 30°C.



As long as good practice is observed, AWF Flexible Rubber 60 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.