

AWF CHEMI-TECT C.R.

AWF Chemi-Tect C.R. is a solvent free coating specifically designed to combat aggressive corrosion and chemical attack. AWF Chemi-Tect C.R. is easily applied and can be used in cold, damp conditions on most substrates including steel and concrete.

AWF Chemi-Tect C.R. is suitable for lining tanks and pipes carrying aviation fuel, plus many more varied applications.



All surfaces should be clean, dry and free from contamination.

Steel surfaces: All surfaces to be coated should be abrasive blast cleaned to a minimum SA $\frac{1}{2}$ in accordance with BS 7079 Part A1:1989. All loose abrasive dust and debris must be blown clear or vacuum cleaned away. Steel surfaces do not require priming but should be coated within 4 hours of blast cleaning.

Concrete surfaces: All concrete to be coated should either be lightly abrasive blast cleaned using wet or dry abrasive techniques or alternatively high pressure water jetting. All dust and abrasive material should be removed from the surface prior to coating. Concrete surfaces should be primer with either AWF Universal Primer or AWF MC Primer.



AWF Chemi-Tect C.R. is a two part material consisting of a Base & Activator resin. The base should be poured into a suitable mixing container and stirred for 2 – 3 minutes. The activator should be stirred for 2 – 3 minutes then added to the base resin and stirred for at least 4 minutes or until a homogenous mix is obtained.

Mix ratio: 2 part base to 1 part activator by volume



Drying, Curing times at 20°C

Touch dry:	6 hours
Min overcoating:	6 hours
Max overcoating	48 hours
Full cure:	7 days

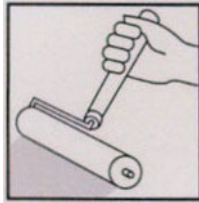


Once you have mixed the Base & Activator together, you have approximately 45 mins to use the mixed material.

APPLICATION DETAILS.



Brush



Roller

AWF Chemi-Tect C.R. is suitable for application by brush or roller, using good quality brushes or short to medium pile rollers. Application should not be carried out at temperatures below 5°C nor when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew point. On concrete surfaces it is important to stipple A.W.F. Chemi-Tect C.R. into the primed surface to ensure good wetting of the surface. All equipment must be cleaned immediately after use with A.W.F.All Purpose Cleaner.



Coverage

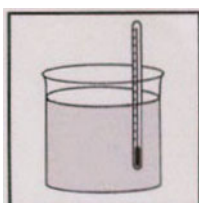
Theoretical coverage rate

4 sq.m per litre at 250 microns dft
(43ft²/litre at 10 mils dft)

Recommended film thickness

Wet: 250 microns (10 mils)

Dry: 250 microns (10 mils)



Minimum Cure
Temperature

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



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



As long as good practice is observed, AWF Chemi-TECT C.R. can be safely used. Protective gloves should be worn. Vapour masks should be worn for spray application. A fully detailed Material Safety Data Sheet is available on request

General Properties

- Abrasion:** Excellent resistance to abrasion and mechanical damage.
Adhesion: Excellent on correctly prepared surfaces
Temperature: Up to 80°C depending upon chemicals involved.
Erosion: Excellent erosion resistance particularly recommend for immersion in aqueous slurries.
Potable Water: Approved by the Water Research Council for contact with potable water

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.