

A.W.F. CHEMI-TECT U.C.

AWF Chemi-Tect U.C. is a high performance solvent free coating designed for use where exceptional resistance to chemical attack is required.

AWF Chemi-Tect U.C. has outstanding resistance to a wide range of industrial chemicals even under total immersion conditions and is ideal for tanks, pipework, containment dykes, bund areas, desulphurisation units etc.



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 Sa2½ in accordance with BS7079 Part A1: 1989 or equivalent with a blast profile corresponding to 'medium' in accordance with BS 7079 Part C3/ ISO 8503. All loose abrasive dust and debris must be blown clear or vacuumed 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 primed with either AWF S.P. Primer or AWF M.C. Primer.



AWF Chemi-Tect U.C. is a two part material consisting of a Base and 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.

Mixing ratio: 2 parts base to 1 part activator by volume.



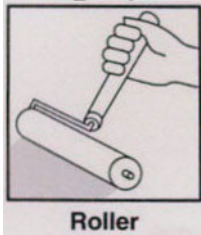
Drying, Curing times at 20°C

Touch dry:	4 hours
Hard dry:	16 hours
Min overcoating:	6 hours
Max overcoating:	5 days
Full cure:	10 days



Once you have mixed the Base & Activator together, you have approximately 2 hours to use the mixed material.

APPLICATION DETAILS.



AWF Chemi-Tect U.C. 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 relative humidity exceeds 85% or when the surface to be coated is less than 3°C below the dew point. on concrete surfaces it is important to stipple the A.W.F.Chemi-Tect U.C. into the primed surface to ensure good wetting of the surface.

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



Theoretical coverage rate

2.9m²/kg at 300 microns dft (31ft²/kg at 12mils dft)

Recommended film thickness

Wet: 300 microns (12 mils)

Dry: 300 microns (12 mils)



This product should not be used if the temperature or the 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). Protect from frost.



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

Chemical resistance: Unaffected by -

- Acetic acid up to 20% ;
- Sulphuric acid up to 98%
- Nitric acid up to 30%
- Hydrochloric acid up to 35%
- Sodium Hydroxide All concentrations
- Ortho Phosphoric Acid up to 75%

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.