

Teknodur Aqua 2k systems

Maintenance and service life guide

Teknodur Aqua two component coating systems, applied to stable metallic and plastic substrates, provide a tougher and more resistant surface than single component systems, with longer maintenance intervals.

Teknodur Aqua systems are particularly suited to applications such as composite exterior doors and for hard to maintain areas like conservatory roofing components and cappings.

In most circumstances, Teknodur Aqua 2k systems will perform in line with the design life of the building, though they will require regular cleaning and restoration of the dry film integrity if damaged.

Teknos Teknodur systems have been tested and conform to the following standards:

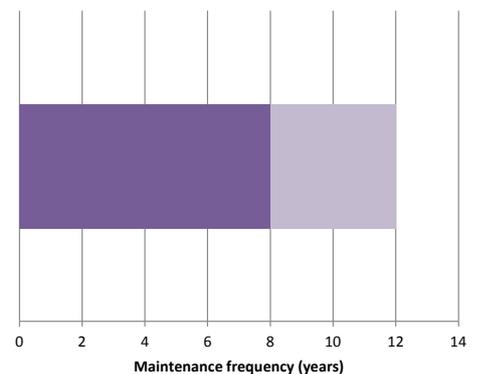
Test description	Reference	Standard
Abrasion resistance	EN ISO 1518	> 30 minutes @ 300 g
Humidity resistance	DIN 50 017	No blistering after 5 cycles
Colour stability (ΔE)	ASTM G53-77QUV A	< 2.0 @ 2000 hrs: < 5.0 @ 5000 hrs

Factors affecting service life and maintenance frequency

Many factors can influence coating durability, making maintenance cycle projections difficult and sometimes misleading. The following points, based on practical experience in the UK and Ireland, will help ensure maximum performance is achieved:

- Coated surfaces and adjacent rainwater goods should be regularly maintained and washed down, at least once per year to remove surface pollution.
- Some “chalking” of the paint film will occur over time due to the natural erosion of the coating surface. This is quite normal and does not detract from the systems performance.
- During the annual inspection, any damage or coating breakdown should be repaired by touching up with Teknodur Aqua topcoat.
- With all coating finishes, regular washing down (but not power washing) of the painted surfaces, e.g. whenever the glass is cleaned, will help extend the life of the coating, and in most case a single brush coat of the appropriate Teknodur finish will restore the systems as it gets near the end of its maintenance cycle.
- The performance of two component surface coatings is particularly affected by surface preparation and application method, so it is very important to ensure that all preparation is carried out in line with the relevant Technical Data Sheets.

Teknodur Aqua Opaque Systems



The graph above shows typical maintenance intervals for Teknodur Aqua systems applied to stable metal or plastic substrates

Note:

This information relates to coatings applied in the factory; at the correct film thickness; and using recommended application methods.