



SIEMENS



# The new Tecqua coating for Siemens street furniture

Provides protection against dirt but also acts as an anti-graffiti barrier

[www.siemens.co.uk/traffic](http://www.siemens.co.uk/traffic)

The new Tecqua coating for Siemens street furniture provides protection against dirt but also acts as an anti-graffiti barrier, making it difficult to attach posters or write on the protected surface. To minimise on-street effort the coating is applied during equipment manufacture which also ensures the best possible performance of the coating.

Traditionally anti-graffiti coatings are a rough covering which is applied to controller cabinets and other street furniture to prevent posters and similar items being attached. The rough surface is generally unattractive and can in some instances pose a hazard to pedestrians due to sharp ridges that result from its application.

The new Siemens anti-graffiti offering is a transparent Silicon Dioxide (SiO<sub>2</sub>), 'pure liquid glass' glass coating, that provides an impervious barrier to dirt and other chemicals. Coated surfaces repel soiling agents, so for example dirt will not stick to the coated surface and liquids (including paint, ink and poster glue) are unable to penetrate the coating on surfaces which is protected with a 'nanolayer' of glass'.

Treated surfaces are up to 80% self-cleaning, which means that coated assets such as VMS signs require little attention and ink, from marker pens etc, will tend to wash off controller cabinets in the rain. Usually posters will not adhere to the surface, but where they do it is easy to remove them by simply peeling them off or in more stubborn cases by washing with water - no chemical cleaners are needed. Where heavy soiling or excessive graffiti has been experienced a low cost non-chemical cleaning agent is also available to aid the cleaning process.

The coating's useful lifespan depends on the environment but typically it is expected to last between 3 and 15 years on installed Siemens products. If re-application is necessary this can easily be done on street – the only proviso being that the surfaces need to be clean and dry before a new coating is applied.

- Low cost
- Easy application before delivery to the street
- Self cleaning
- Completely transparent so does not change the appearance of coated products.



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Coating is factory applied

Equipment that can be coated

- ST750 Pedestrian controllers
- ST900 Intersection controllers
- Pedestrian nearside signals
- Wait indicators
- Nearside indicators
- Helios traffic signals (all types)
- Variable Message Signs

Expected coating lifespan

- 3 to 15 years depending on the environment

Chemical Composition

- SiO<sub>2</sub> (Silicon Dioxide)

Chemical Precautions

- None required

**For further information, please contact:**

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