

Project Profile - Buildings & Commercial Construction



PROJECT

Gravesham Borough Council
Civic Centre, Gravesend, Kent

SUMMARY

Transparent anti-carbonation coating
of external walls

PRODUCTS

Monodex Clear

CLIENT

Gravesham Borough Council

CONTRACTOR

Concrete Repairs Ltd

BACKGROUND ►

The Gravesend Borough Council Civic Centre is an iconic building which dates back to the 1960's. It was originally designed by renowned architect Henry Thomas Cadbury-Brown, architect of the Royal College of Art and pioneer of British modernism. A £6 million refurbishment was carried out, comprising refurbishment and repair of the exterior and interior of the building, including creation of a new, open working environment for the council's offices, new civic facilities for the Mayor and Council Chamber and transformation of an over-crowded public area into a much enlarged and welcoming space for customer services.

The exterior of the building comprises exposed aggregate panels and the Council were looking to provide anti-carbonation protection without significantly altering the original appearance of the Civic Centre.

THE SOLUTION ►

A clear anti-carbonation coating was required for application to the external walls of the building. A solvent-based coating was originally specified but this was overturned in favour of **Monodex Clear** due to the odour release of the solvent borne product during application.

There are no such concerns with **Monodex Clear** as it is water-based and offers the benefits of being low hazard, low VOC and is virtually odourless so there is absolutely no disruption during installation. **Monodex Clear** is transparent and allows the original appearance of the substrate to be retained, whilst providing an excellent defence against carbon dioxide ingress and the effects of general weathering.

Monodex Clear significantly prolongs the maintenance free life of buildings and other structures. It cures to form an attractive satin finish which sheds dirt and retains clarity throughout its long life. It offers complete protection from the effects of carbonation and provides an effective barrier to water penetration, preventing acid rain attack and the ingress of airborne chlorides, whilst also allowing the release of moisture from the substrate.

It has excellent resistance to UV degradation and is successfully accredited to BS EN 1504-2, the pan European Standard for surface protection systems for concrete. As a single component coating, **Monodex Clear** requires no complex mixing on-site.



FM 41091
EMS 597350
OHS 597351

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