

MARK STONELL

Façade Engineer / Designer



Professional History

- ◆ **CORONA FAÇADE ENG.**
2014 - Present
Aylesbury, Bucks, UK
Director / Founder
- ◆ **BURO HAPPOLD**
2012 - 2014
Oxford Circus, London, UK
Principal Façade Engineer
- ◆ **HYDER CONSULTING UK**
2009 - 2012
Victoria, London, UK
Senior Façade Engineer
2007 - 2009
Façade Engineer
- ◆ **EXTERIOR PROFILES PLC**
2006 – 2007
Luton, Beds, UK
Senior Draughtsman
- ◆ **CLAYDON ALUMINIUM**
2004 - 2005
Aylesbury, Bucks, UK
Project Engineer
2002 - 2004
Design Co-ordinator
2000 - 2002
CAD Draughtsman
- ◆ **COXDOME**
2000 – 2000
Tring, Herts, UK
Contract Draughtsman



Qualifications

- ◆ **C.I.B.S.E**
2013
CEng MCIBSE
CIBSE Chartered Engineer
- ◆ **UNIVERSITY OF BATH**
2007 – 2010
MSc Façade Engineering
Master's Degree
- ◆ **OXFORD BROOKES UNIVERSITY**
1997 - 2000
BEng (Hons) Mechanical Engineering
Batchelors Degree



Design Experience

- ◆ **FAÇADE ENGINEERING / CONSULTANCY**
 - Design of Façade schemes from Concept to Tender (RIBA Stg.1 to Stg.5),
 - Façade Detailing and Cad Drafting of design submissions as 2D Cad, 3D Parametric Modelling or hand sketches,
 - Façade modelling and form finding of complex geometrical structures,
 - Structural Verification of Façade framing and assemblies,
 - Management and contractual administration of projects,
 - Performance documentation and specifications,
 - Liaison with Clients and Architects.
- ◆ **ENVIRONMENTAL ANALYSIS / BUILDING PHYSICS**
 - Dynamic Thermal Modelling,
 - Overheating studies,
 - Condensation Risk Assessments,
 - Performance optimisation,
 - Thermal analysis of profiles and façade sections,
 - Natural Ventilation studies,
 - Glazing selection and Passive design.



Contact

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- www.coronafacade.com



Profile

An energetic and proactive Façade Engineer with 17 years of experience in the façade industry, rising from a base in sub-contracting and predominantly involved in design and management of curtain wall and cladding systems on projects with varied scope and location.

Further experience as a consultant engineer and building physicist has forged an innovative and resourceful designer, with a drive for integration of the most functional façade designs with BIM techniques to ensure delivery of optimum and holistic design solutions.



Software Skills

AutoCAD
Revit Architecture
Robot Professional
Rhinoceros 5.0
SketchUp
IES Virtual Environment
Therm 7
NBS Specification Writer
Microsoft Office



Memberships

CIBSE Member
SoFE Associate Member
IMechE Associate Member