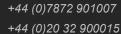


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# Contact







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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

# MARK STONELL

# Façade Engineer / Designer



# Professional History

## ♦ CORONA FAÇADE ENG.

2014 - Present

## **♦ BURO HAPPOLD**

2012 - 2014

## ♦ HYDER CONSULTING UK

2009 - 2012

2007 - 2009

# **♦ EXTERIOR PROFILES PLC**

2006 - 2007

#### **♦ CLAYDON ALUMINIUM**

2004 - 2005

2002 - 2004

2000 - 2002

## **♦** COXDOME

2000 - 2000

Aylesbury, Bucks, UK

**Director / Founder** 

Oxford Circus, London, UK

**Principal Façade Engineer** 

Victoria, London, UK

**Senior Façade Engineer** 

**Façade Engineer** 

Luton, Beds, UK

**Senior Draughtsman** 

Aylesbury, Bucks, UK

**Project Engineer** 

**Design Co-ordinator** 

**CAD Draughtsman** 

Tring, Herts, UK

**Contract Draughtsman** 



# Qualifications

# C.I.B.S.E

2013

## **♦ UNIVERSITY OF BATH**

2007 - 2010

## ♦ OXFORD BROOKES UNIVERSITY

1997 - 2000

# **CEng MCIBSE**

**CIBSE Chartered Engineer** 

**MSc Façade Engineering** 

Master's Degree

# **BEng (Hons) Mechanical Engineering**

Batchelors Degree



# Design Experience

## ▶ FACADE 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.