

This Technical Performance Declaration (TPD) is issued by IG Masonry Support Systems Ltd to provide engineering information to support professional design and project-specific assessment of the product in accordance with the Building Regulations applicable in Europe.

This document is not intended to replace or act as a Declaration of Performance under Regulation (EU) No 305/2011, nor does it support CE marking. Where CE marking is required by applicable harmonised standards or European Technical Assessments, separate compliance routes may be necessary.

### 1. PRODUCT IDENTIFICATION

IG Brick On Soffit System A1 (B.O.S.S. A1)

### 2. MANUFACTURER

IG Masonry Support Systems Ltd, Ryder Close,  
Cadley Hill Industrial Estate, Swadlincote,  
South Derbyshire, DE11 9EU

### 3. TECHNICAL BASIS OF DECLARATION

The declared performance is based on independent technical investigations, testing, and factory production control, undertaken with reference to:

- Relevant European Assessment Documents, including EAD 090062-00-0404 and EAD 090062-01-0404 and,
- Recognised European and British Standards,

Outside the scope of a formal European Technical Assessment (ETA).

### 4. PRODUCT DESCRIPTION

The IG B.O.S.S. A1 system has been tested and evaluated against relevant performance principles and test methods derived from EAD 090062-00-0404 and EAD 090062-01-0404; however, no European Technical Assessment has been issued for this product.

**The system consists of factory manufactured units comprising:**

- Steel channels and reinforcement gussets
- Calcium silicate carrier boards with brick slips and,
- Brick slips adhesively bonded and mechanically fixed under controlled factory conditions.

### Unit standard nominal dimensions variation:

- Nominal face heights of 65 mm, 102 mm, or 215 mm
- Unit depths from 102.5 mm to 777.5 mm
- And project dependent lengths.

### 5. INTENDED USE

A stainless steel and composite construction product for use within external masonry cavity walls, mechanically fixed to any suitable structure including:

- IG Welded Masonry Support (WMS) systems
- Steel lintels, or
- Other suitable structural member forming part of the load bearing structure.

### 6. VERIFICATION AND PERFORMANCE

The performance of the product has been verified through a manufacturer defined engineering verification programme, comprising:

- Independent third party testing, and
- Documented factory production control procedures.

This verification programme is not an Assessment and Verification of Constancy of Performance (AVCP) system as defined under the Construction Products Regulation. It is intended to demonstrate product performance for professional evaluation and specification purposes.

## 7. DECLARED PERFORMANCE AND TESTING SUMMARY

Essential Characteristic	Performance	Technical Specification	Document No.
System Reaction to Fire	Class A1 (Non-combustible) as tested/classified	BS EN 13501-1	Test Report: 546791
Resistance to Wind Loads	2.4 kN/m <sup>2</sup> (Characteristic)	CWCT Guidelines / EAD 090062-01-0404	N/A
Stainless Steel Specification	Austenitic Stainless Steel Grade 304/316	BS EN 10088-2:2014	N/A
Adhesive Specification	IG Mech-Fix Adhesive Class A1 (Non-combustible) as tested/classified - suitable for multiple substrates, such as calcium silicate boards, natural stone, and brick slips	BS EN 12004:2017 Type C2TE / BS EN 13501-1	Test Report: EFR-19-003390
Benx Y-Wall Board Specification	Class A1 (Non-combustible) Calcium Silicate Board as tested/classified	EN 12467 Class A1	DOP: RCM0005
Quality Management	Factory Production Quality Control	BS EN ISO 9001:2015	Certificate: 22/Q6326
Soft & Hard Body Impact	Pass (Independent third-party testing)	EAD 090062-00-0404	Test Report: UK214896
Hygrothermal Performance	Pass (Independent third-party testing)	EAD 090062-00-0404 / DD CEN/TS 772-22	Test Report: UK202673
Adhesion/Rivet/Screw Pull Out	Pass (Independent third-party testing)	EAD 090062-01-0404	Test Report: UK243889
Vibration Resistance	Pass (Independent third-party testing)	BS EN 60068-2-64	Test Report: TL21158
System Structural Performance	Pass (Internal testing, validated by engineering calculations)	BS EN 846-9:2016 / EAD 090062-00-0404	N/A
Durability	Service life of at least 60 years	Based on the technical investigation and assumptions stated in Section 10	N/A
Fatigue Strength	NPD (No Performance Determined)	N/A	N/A
Release of Cadmium	NPD (No Performance Determined)	N/A	N/A
Emission of Radioactivity	NPD (No Performance Determined)	N/A	N/A

### Evidence Register (Summary)

Supporting evidence for the declared characteristics is retained within the manufacturer's technical file and can be made available upon request for professional review.

### Technical Note 1

Internal testing was conducted under documented factory procedures and retained in the technical file.

## 8. STRUCTURAL DESIGN BASIS

The B.O.S.S. A1 system is designed in accordance with the following Eurocodes:

- Basis of Structural Design: BS EN 1990
- Actions on Structures (Self-weight & Wind): BS EN 1991-1-1 and BS EN 1991-1-4
- Design of Steel Structures (General & Stainless): BS EN 1993-1-1 and BS EN 1993-1-4, EN 1993-1-14
- Design of Steel Joints (Riveted Components): BS EN 1993-1-8 and,
- Design of Masonry Structures: BS EN 1996-1-1 and BS EN 1996-1-2.

**Technical Note 2:** Project-specific verification (including load combinations, fire strategy integration, and suitability for the specific building) remains the responsibility of the appointed project structural engineer and design team.

## 9. DECLARATION

IG Masonry Support Systems Ltd hereby declares, under its sole engineering responsibility, that the IG Brick On Soffit System (B.O.S.S. A1) has been designed, tested, and manufactured to achieve the performance characteristics declared in this Technical Performance Declaration. The product may be considered suitable for its intended use where, through project-specific design and verification, it can be demonstrated by the appointed design team that the relevant requirements of the Building Regulations applicable in Europe are satisfied.

### This declaration:

- Relates solely to the product as placed on the market,
- Does not constitute general approval or certification for unrestricted use, and
- Does not replace project specific structural design, verification, or statutory approval.

### Andy Neal Managing Director

Signed on 20/05/2026 at  
IG Masonry Support, Ryder Close, Cadley Hill Industrial Estate  
Swadlincote, South Derbyshire, DE11 9EU



## Technical Note 3: Wind Load Resistance

In accordance with BS EN 1990, a partial safety factor of 1.5 must be applied to determine the site-specific Design Wind Load.

## Technical Note 4: Bespoke Units

Bespoke unit dimensions may be manufactured to suit project-specific requirements, subject to the project-specific structural design, engineering justification, and the responsible design team's agreement.

## 10. LIMITATIONS AND ASSUMPTIONS

- Performance is valid only when installed in accordance with the manufacturer's installation requirements.
- Performance is dependent on the suitability and capacity of the supporting substrate.
- Suitability for specific building categories remains subject to project specific regulatory review.

## 11. INFORMATION AVAILABLE FOR BCA REVIEW

Supporting technical information is retained by the manufacturer and can be made available upon request, including:

- Detailed test reports
- Calculation methodologies
- Factory production control procedures, and
- Installation limitations.

## 12. REGULATORY STATEMENT

This Technical Performance Declaration does not constitute a Declaration of Performance as defined under Regulation (EU) No 305/2011 and shall not be relied upon as evidence of CE marking or regulatory conformity under that Regulation.

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