

Non-Domestic Type Approval Certificate

Certificate No: **STAS/22/024/ND36-093/07 Type GX
SIBCAS**
Date: **1 July 2022**

A	Certificate Holder:
	<p>ALDI Bathgate, Pottishaw Road, Jct 4/M8 Bathgate EH48 2FB per Projekt Architects Media Exchange 2, Coquet Street, Newcastle upon Tyne, NE1 2QB E-mail: Andy.doyle@aldi.co.uk and David.Mann@projektarchitects.com Tel: 01506 657087 and 07824468284</p>

B	Building Type Titles:
Description:	<p>2020 Regulations Type GX SIBCAS: Industrial Shelter, for the housing of Recycling Machinery – Non-Fire Rated Unit</p>

C	<p>The non-domestic type approval has been assessed on the following drawings and specifications: See attached annexe to this certificate</p>
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D	Climatic conditions: The design may be built in areas where the climatic conditions are equal to or less than those detailed below:	
	Wind: (as defined in BS 6399-2)	<p>Standard effective wind speed, $V_e =$ For maximum effective height = Has funnelling been considered?</p> <p>40.1 m/s 3m YES</p>
	Wind: (as defined in CP3: Chapter V)	<p>Design wind speed, $V_s =$ (relevant to the building frame, at a height of 3m or less)</p> <p>N/A</p>
	Snow: (as defined in BS 6399-3)	<p>Site snow load, $S_o =$ Influenced by adjacent buildings?</p> <p>0.89 Kn/m2 NO</p>
	Resistance to moisture/durability of exposed elements:	<p>Max exposure (to wind driven rain) grading, as defined in BRE Report – Thermal Insulation: Avoiding Risks, Second Edition, 1994, to be exposure zone: Exposure to sea spray (i.e. coastal region) or de-icing salts? Other air contaminants or biological factors – please specify any enhanced resistance if applicable (refer to BS7543 for guidance)</p> <p>Zone 1/ Zone 2/ Zone 3/ Zone 4 NO</p>
	Design Life: (per BS 7543 – Durability of buildings and building elements, products and components)	<p>Category of building design life = Design life of primary building envelope</p> <p>60 years 20-30 years (Or Longer with good maintenance)</p>

E	Conditions of certification:
	<ol style="list-style-type: none"> The design shown and the specifications and materials referred to have been assessed and approved in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Non Domestic Technical Handbooks which came into force with effect from 1 March 2021. The Design of The Roller Shutter Access to the Unit from the Shop Unit, while contrary to guidance, has been approved as an Acceptable Alternative Approach - See ALDI Stores STAS-20-024-ND36-091 DRS Recycling Units - Alternative Solution. The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland The design shown and the materials specified shall not be changed without reference to the Local Authority Building Standards Scotland responsible for certifying the system. Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this certificate. This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005 Calum Bennett Engineering Ltd statement dated 14 July 2021 referenced here under Section G, confirm that a structural appraisal has been carried out. Further site-specific information MUST BE made available when a site-specific building warrant is sought. Such additional information should take cognisance of Procedural Guidance on Certification including information to be submitted with a Building Warrant Application dated April 2010 Version 2. Confirmation of a holistic approach to structural adequacy of the <u>entire completed building</u> shall be provided by a registered engineer to the local authority within whose area the site-specific dwelling is to be built.

Annexe of drawings, certificates and specification documents used in the assessment:

F	Drawing Number:	Description:
	ALDI Stores STAS-20-024-ND36-091 DRS Recycling Units	Alternative solution
	Overview of application 0.pdf	
	STAS Application Form.docx	
	Structural Info	
	Aldi DRS Facility-Unit G -Statement of Structural Adequacy.doc	
	Aldi DRS Facility-Unit G- 2015_02_02 Climatic Conditions Request Template V1 .docx	
	Architects ALDI Layout Drawings	
	0341-00-3E-ZZ-XX-DR-Ss_20_05_15-S-0028_C01 - DRS Type GX.pdf	OPTION 1 (LETTERBOX ARRANGEMENT)
	0341-00-HSW-XX-XX-DR-N-SS-50-00-38-013.pdf	OPTION 2 (DUCT ARRANGEMENT)
	0341-00-HSW-XX-XX-DR-N-SS-50-00-38-014.pdf	DRS Type GX
	0341-00-AL(0)112 TYPE GX - PROPOSED PLANS & ELEVATIONS.pdf	PROPOSED PLANS & ELEVATIONS
	SIBCAS Unit Drawings	
	16919-SIB-XX-XX-M3-W-801-S3	
	16919-SIB-XX-XX-M3-W-802-S3	
	16919-SIB-XX-XX-M3-W-803-S3	
	16919-SIB-XX-XX-M3-W-804-S3	
	16919-SIB-XX-XX-M3-W-805-S3	
	16919-SIB-XX-XX-M3-W-806-S3	
	16919-SIB-XX-XX-M3-W-810-S3	
	16919-SIB-XX-XX-M3-W-811-S3	
	16919-SIB-XX-XX-M3-W-812-S3	
	16919-SIB-XX-XX-M3-W-813-S3	
	16919-SIB-XX-XX-SP-W-820-S3	
G	Certification:	
	TOMRA Unit	
	70129000E	Declaration of incorporation of partly completed machinery DiM 70129000 rev.E
	70139000J	Declaration of incorporation of partly completed machinery DiM 70139000 rev.J
	70360000H	Declaration of incorporation of partly DoC 70360000 rev.H
	70430000G	Declaration of incorporation of partly completed machinery DiM 70430000 rev.G.docx
	T-90_ENG_DS_11.2016_low	Tomra Reverse Vending Machine Brochure
H	Specifications	
	Wall Build-Up	
	12mm BaseBoard 15mm Fireline Test report EUI-19-B-000021 A final report	EFECTIS UK & IRELAND Fire test report eui-19-b-000021a
	Base Board Technical Data Sheet	Resistant Base Board is a high quality, high performance, A1 Non-combustible general purpose magnesium oxide building board.
	BBA Colorcoat Prisma Certification 2717ps	
	Prisma UK 2019 28002.pdf	
	TDS-DuPont-Tyvek-Housewrap	DuPont Tyvek 3060B Technical Database
	BBA_DuPont_Tyvek_Housewrap_2019.pdf	
	FB-Sheet-BaseBoard	Resistant Base Board Brochure
	BBA_technical_approval_certificate_Granite_HDX.pdf	
	GraniteHDX_brochure_EN_electronic version	Granite® HDX Organic coated steel brochure
	GraniteHDX_datasheet_EN	Granite® HDX Organic coated steel datasheet
	Fire Guide	Resistant Base Board Fire Guide
	resistant-building-products-base-board-10-and-12-updated	Resistant Base Board 10 and 12 Brochure
	Knauf Rocksilk datasheet_5ac744407c36b.pdf	
	PDS-Gyproc-FireLine 283.pdf	
	White-Book-C04-S02-Partitions-GypWall-Classic	C04. S02. P02 – P32 GypWall classic Brochure
	ACHE1255- Modular Building, Calum Bennett Engineering, Wall - Airborne	Sound Insulation Prediction (v8.0.1) for Rockwool Flex i (35 kg/m ³) Thickness 70 mm (ρ:35 kg/m ³ , Rf:14200 Pa.s/m ²)
	Roof Build-Up	
	airguard_a2_fr fire classification report uk	
	airguard_a2_fr technical data sheet uk	
	airguard_a2_tyvek firecurb fire system brochure	
	Firestone-Fire Retardant BBA	

Installation_Sheet_Airguard_A2_FR	DuPont™ AirGuard® A2 FR – Fire Retardant AVCL installation Brochure
FLAT-ROOFING-and membrane-systems	EJOT® for successful single-ply membrane installations brochure
FLEXI	Rockwool Flexi Insulation Brochure
rockwool-flexi-data-sheet	Rockwool Flexi Insulation Data Sheet
ROCKWOOL Hardrock Multi-Fix (DD) - October 2020	ROCKWOOL HARDROCK® Multi-Fix Dual Density Boards brochure
ROCKWOOL Linear and Trapezoidal Firestop System	Fire stopping solutions at compartment junctions
ROCKWOOL LPCB Roof.pdf	
PDS-Gyproc-FireLine (3)	Gyproc-FireLine Brochure
RoofDek manual	TATA Steel Structural Roof Decking and Trays
Testing Results	Firestone RubberGard® EPDM European Testing Program
Shutter Spec	
Series 33 Anthracite shutter brochure	Insulated Roller Shutter Brochure
DRS Spec doc	DRS Shutter Specification

Authority:	
This system type approval certificate consisting of 3 pages is authorised by:	
	West Lothian Council acting as Lead Authority on behalf of the Local Authority Building Standards Scotland (LABSS)