

Non-Domestic Type Approval Certificate

Certificate No: **STAS/22/024/ND36-093/08 Type GX
Premier**
Date: **27 September 2022**

A	Certificate Holder:
	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

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

C	The non-domestic type approval has been assessed on the following drawings and specifications: See attached annexe to this certificate
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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)	<table border="1"> <tr> <td><i>Standard effective wind speed, V_e =</i> For maximum effective height = Has funnelling been considered?</td> <td>40.1 m/s 3m YES</td> </tr> </table>	<i>Standard effective wind speed, V_e =</i> For maximum effective height = Has funnelling been considered?	40.1 m/s 3m YES
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Wind: (as defined in CP3: Chapter V)	<table border="1"> <tr> <td><i>Design wind speed, V_s =</i> (relevant to the building frame, at a height of 3m or less)</td> <td>N/A</td> </tr> </table>	<i>Design wind speed, V_s =</i> (relevant to the building frame, at a height of 3m or less)	N/A
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Snow: (as defined in BS 6399-3)	<table border="1"> <tr> <td><i>Site snow load, S_o =</i> Influenced by adjacent buildings?</td> <td>0.89 Kn/m2 NO</td> </tr> </table>	<i>Site snow load, S_o =</i> Influenced by adjacent buildings?	0.89 Kn/m2 NO
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Resistance to moisture/durability of exposed elements:	<table border="1"> <tr> <td>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)</td> <td>Zone 1/ Zone 2/ Zone 3/ Zone 4 NO</td> </tr> </table>	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)	Zone 1/ Zone 2/ Zone 3/ Zone 4 NO
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Design Life: (per BS 7543 – Durability of buildings and building elements, products, and components)	<table border="1"> <tr> <td>Category of building design life = Design life of primary building envelope</td> <td>60 years 20-30 years (Or Longer with good maintenance)</td> </tr> </table>	Category of building design life = Design life of primary building envelope	60 years 20-30 years (Or Longer with good maintenance)
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E	Conditions of certification:
1.	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.
2.	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.
3.	The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland
4.	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.
5.	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.
6.	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
7.	Topping Engineers Ltd statement dated 21 July 2022 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	
	Structural Info	
	Aldi DRS Facility-Unit GX Statement of Structural Adequacy Toppings_21-07-22	
	Aldi DRS Facility-Unit GX Climatic Conditions Toppings_05-07-22	
	Architects ALDI Layout Drawings	
	0341-00-3E-ZZ-XX-DR-Ss_20_05_15-S-0029_C01 - DRS Type GX.pdf	CONCRETE G.A. FOUNDATION / SLAB LAYOUT
	0341-00-HSW-XX-XX-DR-N-SS-50-00-38-013.pdf	OPTION 1 (LETTERBOX ARRANGEMENT)
	0341-00-HSW-XX-XX-DR-N-SS-50-00-38-014.pdf	OPTION 2 (DUCT ARRANGEMENT)
	0341-00-AL (0)112 TYPE GX - PROPOSED PLANS & ELEVATIONS.pdf	DRS Type GX PROPOSED PLANS & ELEVATIONS
	Premier Unit Drawings	
	30003 - Aldi - External Wall U Value - Isoclad Cladding	
	30003-NZB-GX-00-DR-A-0001 P4 - GA Plan	
	30003-NZB-GX-00-DR-A-0002 P2 - Roof Plan	
	30003-NZB-GX-00-DR-A-0003 P3 - Window Plan	
	30003-NZB-GX-00-DR-A-0004 - Sequence Drawing	
	30003-NZB-GX-00-DR-A-0005 P4 - Slab Setting Out	
	30003-NZB-GX-00-DR-A-0019 P2 - Opening Trim	
	30003-NZB-GX-00-DR-A-0035 C2 - Building Shutter Section	
	30003-NZB-GX-00-DR-A-0060 P4 - Building Elevations	
	30003-NZB-GX-00-DR-A-0061 P4 - Building Elevations	
	30003-NZB-GX-00-DR-A-0700 P5 - Building Specification	
	30003-NZB-GX-00-DR-A-1100 P3 - 3D Views	
	30003-NZB-GX-ZZ-DR-A-0020 P2 - Sectional Reference Plan	
	30003-NZB-GX-ZZ-DR-A-0030 P3 - Overall Cross Sections	
	30003-NZB-GX-ZZ-DR-A-0031 P6 - Cross Sectional Details	
	30003-NZB-GX-ZZ-DR-A-0032 P5 - Cross Sectional Details	
	30003-NZB-GX-ZZ-DR-A-0040 P5 - Cross Sectional Details	
	30003-NZB-GX-ZZ-DR-A-0041 P5 - Cross Sectional Details	
	30003-NZB-GX-ZZ-DR-A-0300 P3 - Entrance Booth	
	30003-NZB-GX-ZZ-DR-A-0500 P5 - Plasterboard Setting out	
	30003-NZB-GX-ZZ-DR-A-0800 P8 - Flashings and Trims	
	30003-NZB-GX-ZZ-DR-A-0900 P2 - Roof Sheet Details	
	30003-NZB-GX-ZZ-DR-A-0901 P2 - Roof Insulation	
	30003-NZB-GX-ZZ-DR-A-0902 P2 - Roof Interface Details	

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	
	597en-INT-GreenCoat-color-coated-steel-EPD	
	Fixfast-DF3-SS-HT-Datasheet	
	Advantica Controlled Environments Brochure	
	ThermoCore 40mm DOP-UKCA-4031	
	Thermocore Panel Product Data Sheet	
	Hygienic Drywall Solutions	
	rc-lit-tis-en-2-quickseam-quickprime-plus	
	siniat-tds-gtec-fire-mr-board	
	Roof Build-Up	
	airguard_a2_fr_fire_classification_report_uk	
	airguard_a2_fr technical data sheet uk	
	Installation_Sheet_Airguard_A2_FR	DuPont™ AirGuard® A2 FR – Fire Retardant AVCL installation Brochure
	Firestone-Fire Retardant BBA	
	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
RoofDek manual	TATA Steel Structural Roof Decking and Trays
Testing Results	Firestone RubberGard® EPDM European Testing Program
Tata Steel RoofDek manual	
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)