

Non-Domestic Type Approval Certificate

Certificate No: **STAS/22/096/ND40-096/01A**

Date: **12 December 2022**

A	Certificate Holder:		
	ASDA Stores Ltd., ASDA House, Great Wilson Street, Southbank, LEEDS, LS11 5AD per Halliday Fraser Munro E-mail: clive.gordon@hfm.co.uk Tel: 07787 126800		
B	Building Type Titles:		
	Description: 2022 Regulations	2 x 12 X 4M EXTERNAL UNITS (ONE WITH INTERNAL STORAGE) 4 DIFFERING CONFIGURATIONS OF 8 X 4M EXTERNAL UNITS (ONE WITH INTERNAL STORAGE)	
C	The non-domestic type approval has been assessed on the following drawings and specifications:		
	See attached annexe to this certificate		
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)	Standard effective wind speed, V_e = For maximum effective height = Has funnelling been considered?	27.2 m/s 113m YES
	Wind: (as defined in CP3: Chapter V)	Design wind speed, V_s = (relevant to the building frame, at a height of 3m or less)	N/A
	Snow: (as defined in BS 6399-3)	Site snow load, S_o = Influenced by adjacent buildings?	0.85 Kn/m2 NO
	Resistance to moisture/durability of exposed elements:	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 4 NO
	Design Life: (per BS 7543 – Durability of buildings and building elements, products, and components)	Category of building design life = Design life of primary building envelope	25 years 25 years
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 June 2022.	
	2.	The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland	
	3.	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.	
	4.	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.	
	5.	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	

6. MJMC statement dated 8 August 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 entire completed building shall be provided by a registered engineer to the local authority within whose area the site specific dwelling is to be built.

This specification is only applicable for sites in Scotland which fall under the following parameters:

1. Altitude is no greater than 155m
2. Wind speed must not exceed 40.8m/s (UK National Annex to EC1)

The foundation solution is to be designed on a site by site basis based on site investigation reports.

7. This solution includes external wall cladding with a European Classification B rating and is therefore limited with regards to distance to boundary.

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

F	Document Description:	
	Application Form Variation with VAT for Variations to STAS Approval 2 November 2022	
	7109 ITAB - Raft foundation design calculations	
	Raft foundation detail	
	RC raft foundation (BS8110)	
	7109-MJM-ZZ-GF-DR-S-1600-D2-P1 - Foundation Layout - Option 1	
	7109-MJM-ZZ-GF-DR-S-1601-D2-P1 - Foundation Layout - Option 2	
	Bolt Specification	
	ITAB-SHEL-SPEC SHEET 1 of 2 – REV A	
	ITAB-SHEL-SPEC SHEET 2 of 2 – REV B	
	ASDA DRS General Arrangements	
	DRS21_AS_ZZ_ZZ_DR_K_P1.pdf	
	ASDA DRS Electrical Drawings and Spec	
	SST40-DDA-OT-GF-DR-M-OTE001 – Electrical Services Layout – Rev P1	
	SST40-DDA-OT-GF-DR-M-OTE002 – Electrical Services Layout – Rev P1	
SST40-DDA-OT-GF-DR-M-OTE003 – Electrical Services Layout – Rev P1		
SST40-DDA-OT-GF-DR-M-OTE004 – Electrical Services Layout – Rev P1		
SST40-DDA-OT-GF-DR-M-OTE005 – Electrical Services Layout – Rev P1		
SST40-DDA-OT-GF-DR-M-OTE006 – Electrical Services Layout – Rev P1		
G	Certification:	
	MJMC Consulting Engineers Statement of Structural Adequacy 02 November 2022 – Job Number 12206	
H	Specifications	
	Envipco-OPTIMA manual	
	Envipco-OPTIMA spec	
	ITAB internal door kit G155766	
	PST_006_0_2W_12 Marlon ST 6mm Twinwall	
	PST_010_0_2W_15 Marlon ST 10mm Twinwall	
	NUDEC PET (eng)	
SUNLITE_En_Technical_Guide_61353_Web_2		
I	Authority:	
	This type approval certificate consisting of 2 pages is authorised by:	Building Standards Hub Pilot acting as Lead Authority on behalf of the Local Authority Building Standards Scotland (LABSS)