ArbourShield® HP40 | Hyrdro Pressure Testing

Glasshape

Delivering Bent & Specialist Glass
With Excellence

www.glasshape.com

ADHOC INSPECTION REPORT

Controller

Glasshape Manufacturing Ltd
PO Box 358
Warkworth

Official No. : **Glasshape_001** **Cycle** 2
Customer Ref. : **Pressure Test**
Serial No. :
Location : **65-67 Woodcocks Rd Warkworth**

S Satisfactory
X Corrective action - not certified
C Inspection comment
N Not applicable
A Comment - action at next inspection
U Unable to inspect - state reason

INSPECTION COMMENTS: use cell identifiers

Witnessing of Glass Specimen Pressure testing carried out by Happy Mashinge and Nirav Patel on 26 May 2026 at Glasshape Manufacturing Ltd, 65-67 Woodcocks Road, Warkworth.

Glass Sample: AbourShield HP40(nominal thickness, 20mm) passed hydrotesting at 40 Psi pressure. Sample satisfactorily hydro pressure tested for 4 hours.

Sample specifications:
Product type: AbourShield HP40 Glass
Batch number: Q5F02011
Nominal Thickness: 20mm
Job number: 012290-AAH
Glasshape drawing number: 004 Rev 0 AAA
Edge Finish: Ground

Test Conditions:
Test Medium: Water
Ambient Temperature: 20 deg Celsius
Relative humidity:74%
Barometric Pressure: Ambient(1027hPa)
Heat Ramp rate: 10 deg/hr
Test temperature: 42 +/-1 deg C
Test Pressure: 40Psi
Holding time: Four hours.
Test Pressure monitoring: Calibrated Digital Pressure gauge used with s/n 211H12280001 calibration report number CPS 1U1670 calibrated 27 August 2025.
Testing Rig: Temperature, pressure and deflection measuring instruments certified by Wiresplus Automation & Electrical.

Test Result:
Glass Specimen successfully hydrotested at 40 Psi pressure. Specimen held for four hours at test pressure.
No signs of damage, leaks or pressure drop noted during the test.
Maximum value of deflection (DLV) noted at 7mm during the test. DLV returned to zero following release of test pressure.

CORRECTIVE ACTIONS:

Description	AgreedCloseOut	CARDetails

Completed By : **Happy Mashinge**
Inspection Date : **26/05/2026**
CHRIS SMART

Signed Off By : **Happy Mashinge**
Date Printed : **02/06/2026**

SGS NEW ZEALAND LTD

THIS CONDITION REPORT DOES NOT CONSTITUTE FORMAL EQUIPMENT CERTIFICATION

All SGS services are rendered in accordance with the applicable SGS conditions of service, and certification services are rendered in accordance with the **SGS General Conditions for Certification Services.** All SGS terms and conditions are available on request and accessible at https://www.sgs.com/en/terms-and-conditions

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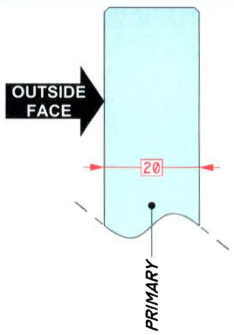
Glasshape

Glasshape New Zealand, 65 - 67 Woodcocks Road, P.O. Box 358, Warkworth 0910. Phone +64 9 422 2565. www.glasshape.com

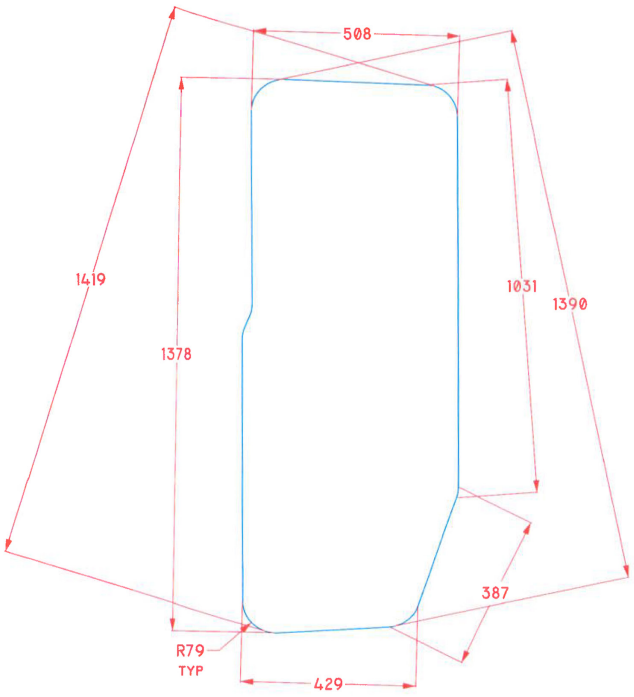


Bill of Materials

PRIMARY:	ArbourShield HP40

Department (circle one): DIP MBO FUR 3DB LAM IGU

Initial: _____ Date: _____



INSIDE SURFACE
FLAT PANEL
NO STAMPS

SGS NEW ZEALAND LTD

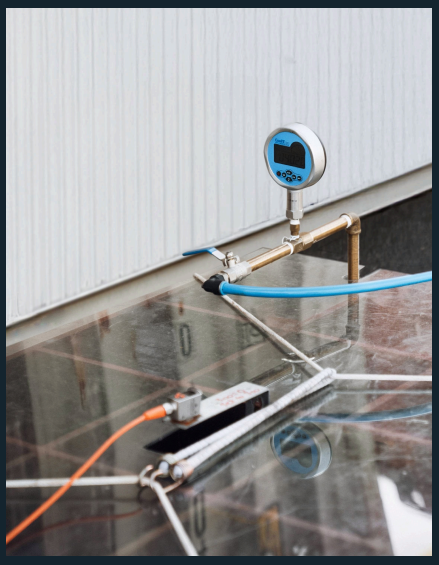
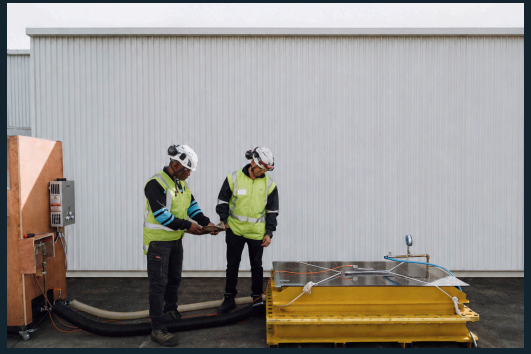
3RD ANGLE PROJECTION

Order Details

Client: Glasshape Testing/Samples
Order: 012290-008 (-)
Job No: 012290-AAH
Issued: 27/05/26
Dwg No: 0004
Drawn By: Liam Phillips

Product Details

Title:
Product: ArbourShield® HP40
Prod. Qty: 1
Item No: 1
Edge Finish: Ground

REV 0 AAA

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