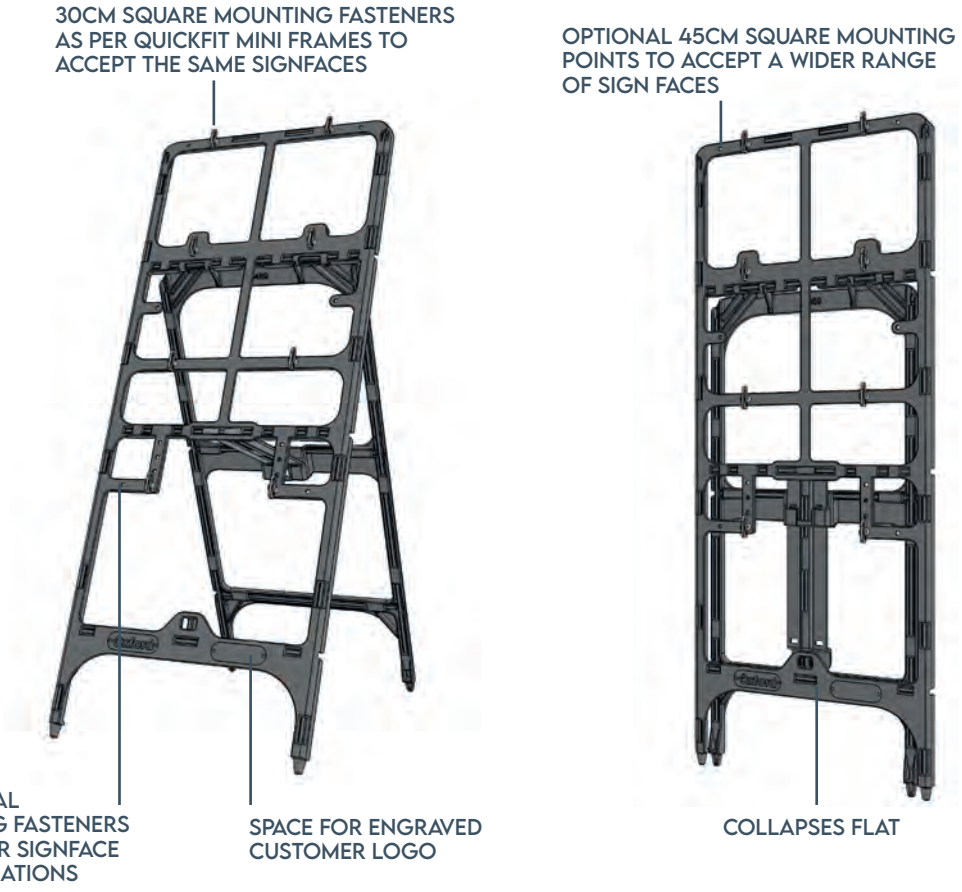
ENDURAFRAME 1500



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4	**Dimensions and weights**
6	**Supplementary plate**
7	**DropBlock Ballast**
8	**Wind resistance**
9	**Wind data scale specifications**
10	**Durability testing**
11	**Colour customisations**
12	**Compactness and lightness**
13	**Spares and maintenance**
14	**Associated products**
15	**Recyclability**
16	**Contact information**

FEATURES



QUICKFIT

30cm square drop lock system compatible with all quickfit faces.

Quickly change faces on site.

Reduce weight and quantity of products in works vehicles.

Damaged reflective signfaces can be easily changed.

DURABLE

Flexible material that won't crack.

Plastic frame will not conduct electricity or rust over lifetime.

Non-metal construction reduces theft.

Does not scratch the inside of works vehicles.

COMPACT & EASY TO USE

Quick to deploy.

Safe and easy to handle with no sharp edges.

EXTRAS

Can be customised with customer logos, MOQ 250.

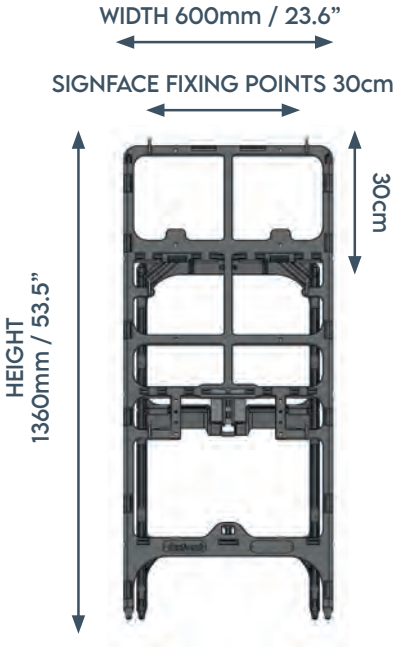
Available in custom coloured frame, MOQ 250.

DropBlock Ballasts can be fitted securely for higher windspeed categories.

DIMENSIONS AND WEIGHTS

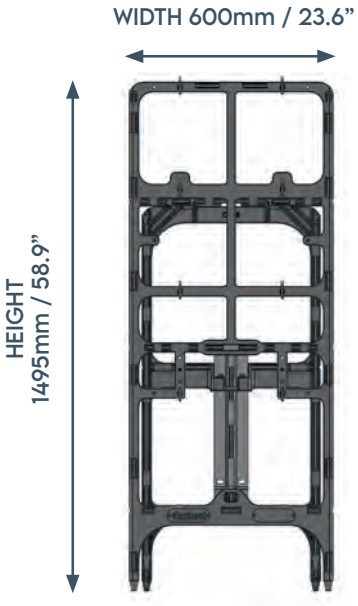
ENDURAFRAME 1500 5.65kg / 12.5lbs

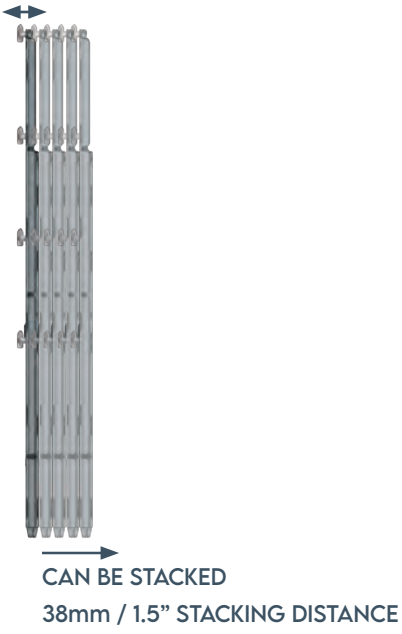
DEPLOYED





COLLAPSED



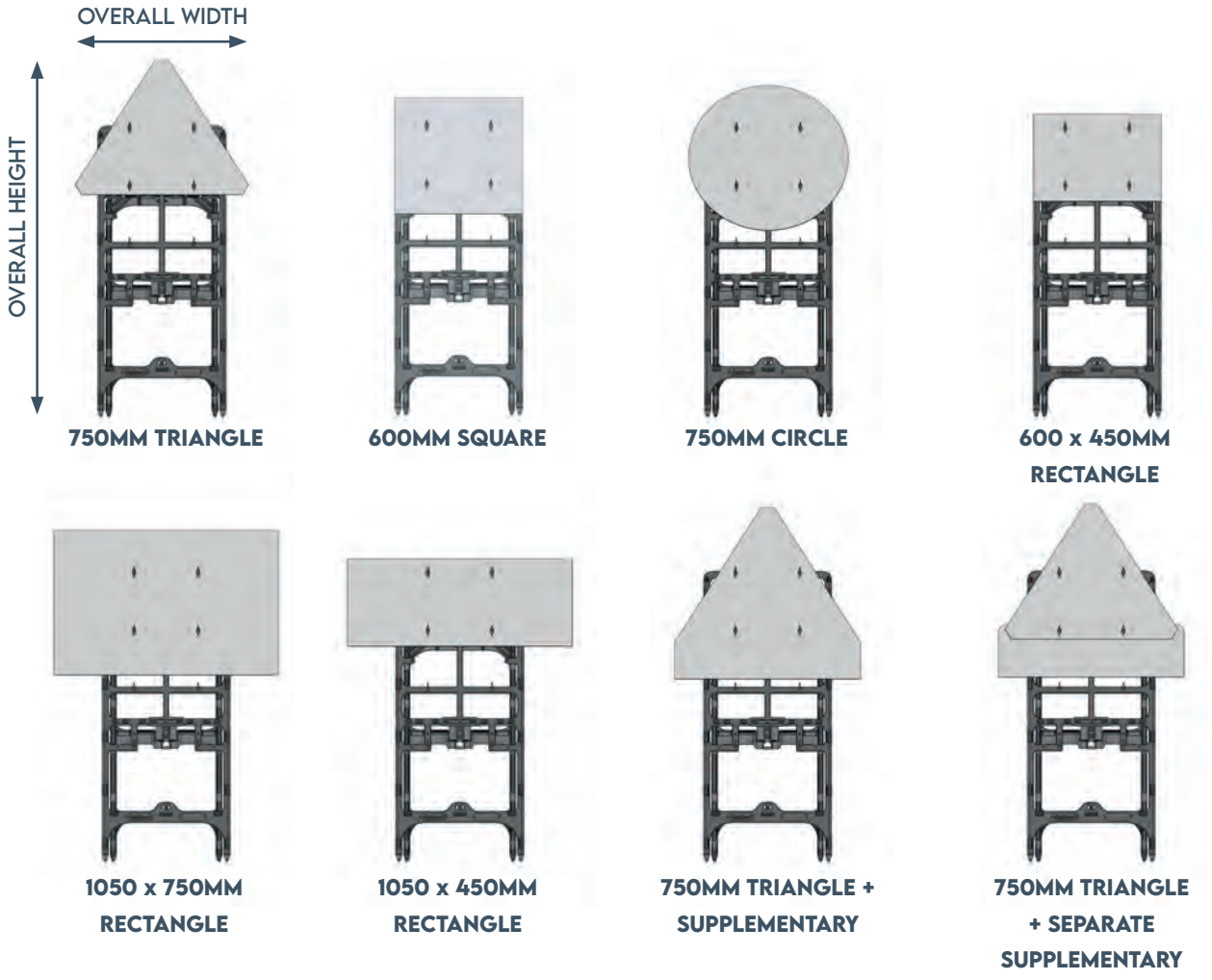


	Product Code	Assembled Weight
EnduraFrame 1500	O492	5.65kg

DIMENSIONS AND WEIGHTS

ENDURAFRAME 1500 ASSEMBLED WITH QUICKFIT SIGNFACE

Quickfit sign faces are compatible with both the EnduraSign QuickFit Frame and the EnduraFrame 1500.

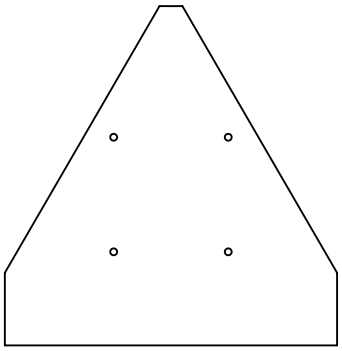


Assembled Signface	Overall Height Deployed	Overall Height Collapsed	Overall Width
750mm Triangle	1640mm	1840mm	810mm
600mm Square	1450mm	1630mm	600mm
750mm Circle	1515mm	1700mm	750mm
600 x 450mm Rectangle	1385mm	1555mm	600mm
1050 x 750mm Rectangle	1520mm	1705mm	1050mm
1050 x 450mm Rectangle	1385mm	1555mm	1050mm
750mm Triangle + Supplementary	1625mm	1825mm	870mm
750mm Triangle + Separate Supplementary	1640mm	1840mm	870mm

SUPPLEMENTARY PLATE

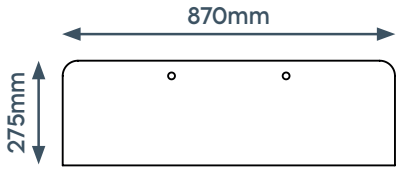
The EnduraFrame 1500 is compatible with supplementary plates. Fit with either a single piece sign face and supplementary plate, or a 2 piece sign face and supplementary plate.

SINGLE PIECE OPTION

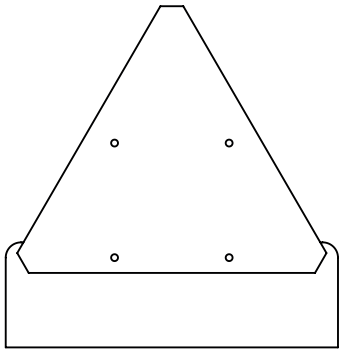


SINGLE PIECE 750MM TRIANGLE + SUPPLEMENTARY PLATE

TWO PIECE OPTION

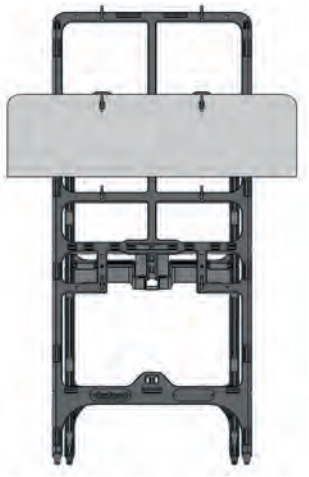


SEPARATE SUPPLEMENTARY PLATE

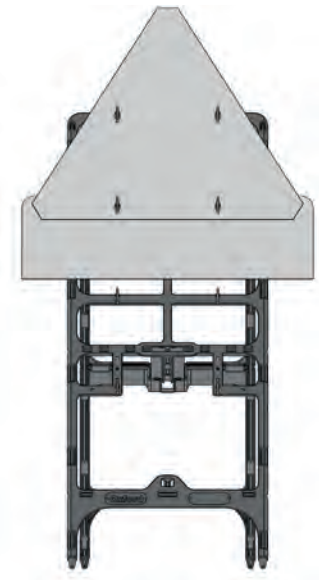


750MM TRIANGLE

TWO PIECE SIGN FACE AND SUPPLEMENTARY PLATE INSTALLATION INSTRUCTIONS



Fit supplementary plate to two bottom drop locks on sign frame.



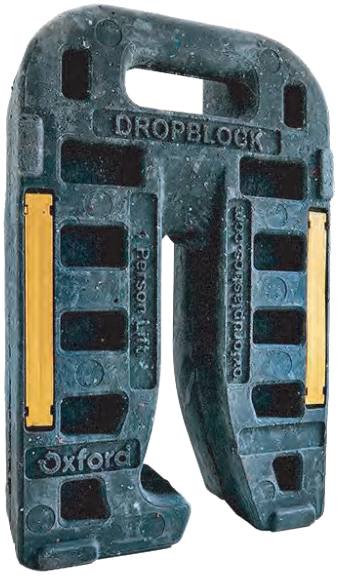
Fit sign face over the top of the supplementary plate.

DROPBLOCK BALLAST

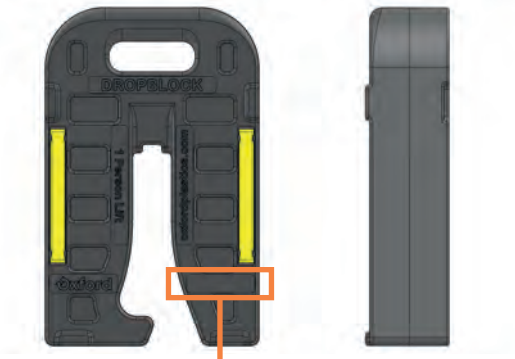
Achieve wind resistance up to Category B (39mph), and reduce defect notices from signs blowing over. See 'WIND RESISTANCE' page for full ballasting details.

The DropBlock Ballast can be used to ensure that temporary works stay clearly signposted and street works compliant.

This ballast weight replaces sandbags, it is stackable, quick to deploy and is significantly longer-lasting



Product No.	O274
Width	250mm
Length	98mm
Height	395mm
Weight	9kg
Quantity / Pallet	50
Colour	Black & Yellow



Custom logo area

DURABLE & SAFE

Create safe signage installations without using sandbags.

Avoid debris and trip hazards caused by the deterioration of sandbags.

Create highly visible signage installations.

COMPACT & EASY TO USE

Can be easily installed, transported and stored.

Locks onto the EnduraFrame to provide stability across a series of different signs in up to Category B winds.

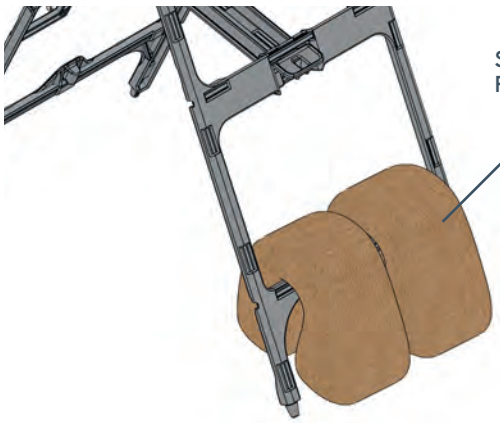
EXTRAS

Adapt and customise ballast with corporate nameplate (120mm x 40mm), MOQ 180.

A closed loop recycling product made of recycled PVC.

WIND RESISTANCE

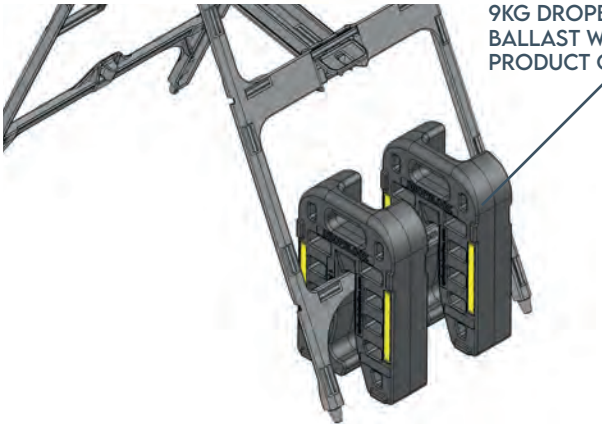
TRAFFIC SIGNS MANUAL (CHAPTER 8) COMPLIANCE

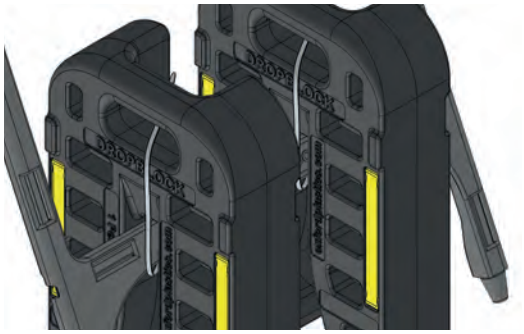


CODE COMPLIANCE

Wind classes are taken from BS 8442 (2006) Miscellaneous Road Traffic Signs and Devices – Requirements and Test Methods.

Wind tests conform to BS 8442 (2006) Annex B





For added stability, cable tie the DropBlocks onto the EnduraFrame 1500 as shown.

Ballast required for Windspeed Categories per leg (Front and Rear)

	C: 8.7m/s (19mph)		B: 17.6m/s (39mph)		A: 26.3m/s (58mph)	
Assembled Signface	Sandbag Weight	DropBlock Ballast	Sandbag Weight	DropBlock Ballast	Sandbag Weight	DropBlock Ballast
750mm Triangle	1kg	One	4kg	One	42kg	N/A
600mm Square	1kg	One	6kg	One	50kg	N/A
750mm Circle	1kg	One	8kg	One	58kg	N/A
1050 x 750mm Rectangle	3kg	One	13kg	Two	83kg	N/A
600 x 450mm Rectangle	1kg	One	4kg	One	44kg	N/A
1050 x 450mm Rectangle	1kg	One	9kg	One	64kg	N/A
750mm Triangle + Supplementary	1kg	One	8kg	One	62kg	N/A

WIND DATA SCALE SPECIFICATIONS

WIND CLASSIFICATIONS FOR BS8442

Wind Class	Meters per second (m/s)	Mile per hour (mph)
Class A	26.3	59
Class B	17.6	39.6
Class C	8.7	19.6

CLASSIFICATION AND LABELLING OF UNITS

The manufacturer shall indicate the mass ballast to be added to each barrier assembly to resist a specified class of wind speed, depending upon the barrier configuration and the level of wind resistance chosen.

BEAUFORT SCALE, WIND FORCE OR GALE FORCE

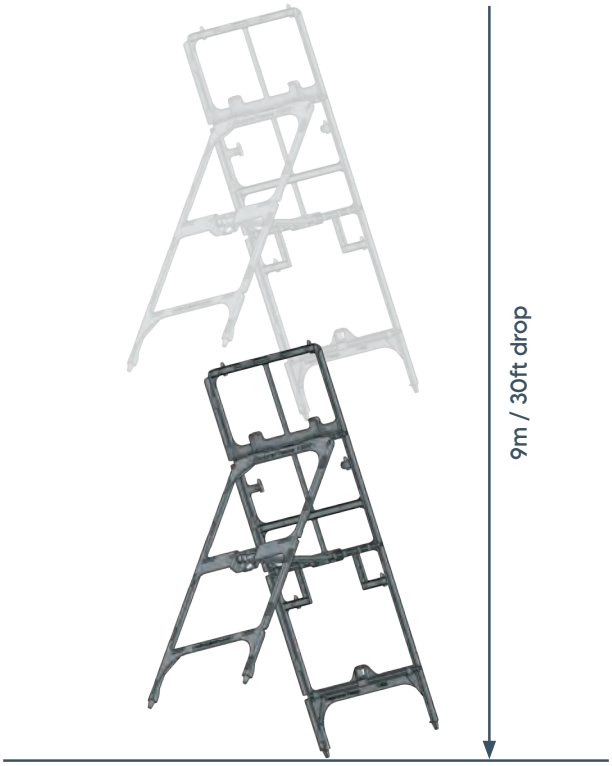
Force 2	8-12mph	Gentle breeze, leaves and small twigs in constant motion, wind extends light flag
Force 3	13-18mph	Moderate breeze, raises duct loose paper, small branches are moved
Force 5	19-24mph	Fresh breeze, small trees in leaf begin to sway, crested wavelets form on inland water
Force 6	25-31mph	Strong breeze, large branches in motion, whistling heard in telegraph wires, umbrellas difficult
Force 7	32-38mph	Near gale, walking noticeably hampered
Force 8	39-46mph	Gale, branches break, walking very difficult
Force 9	47-54mph	Severe gale, slates blown off roofs
Force 10	55-63mph	Storm, trees up rooted

DURABILITY TESTING



DRIVE OVER TEST

Manufactured with a flexible material that won't crack, the EnduraFrame 1500 can endure being driven over by a HGV and remain intact and useable.

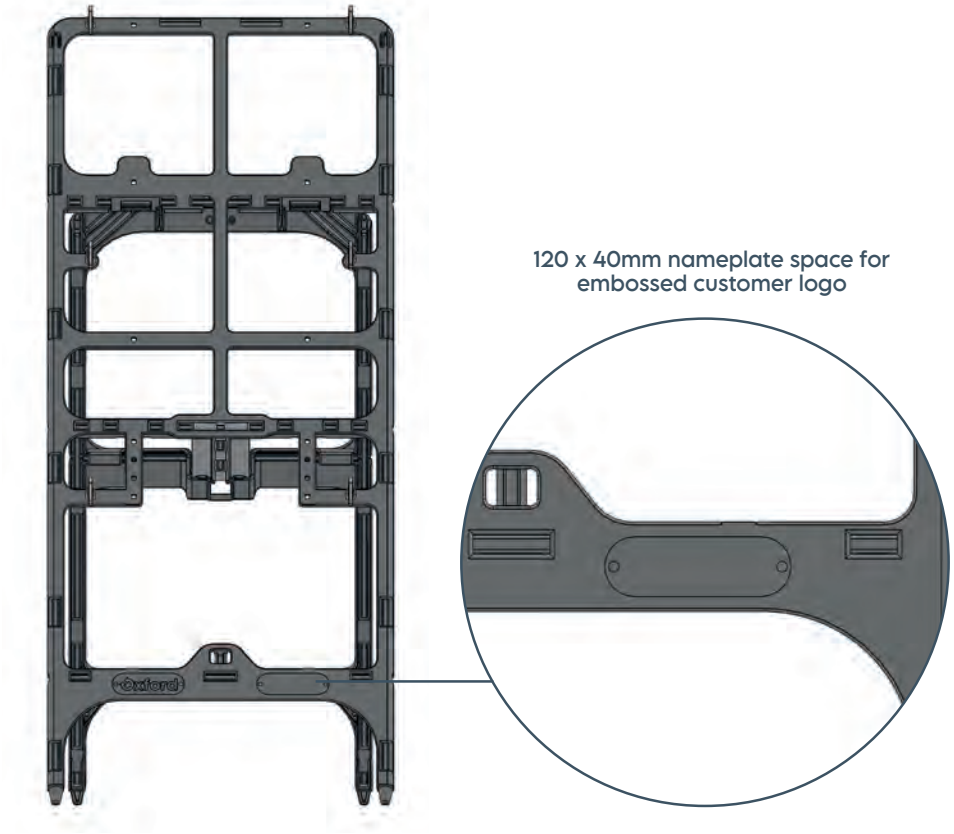


DROP TEST

The EnduraFrame 1500 is tested and proven to withstand a drop from 9m / 30ft high without sustaining any damage.

COLOUR AND CUSTOMISATION

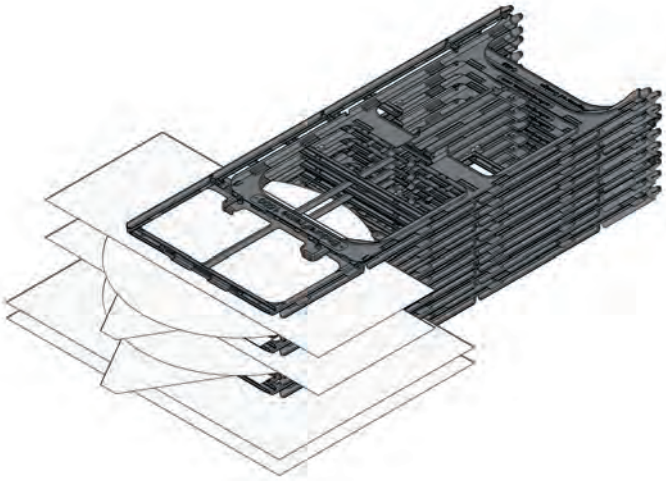
THEFT PREVENTION AND INVENTORY MANAGEMENT WITH CORPORATE CUSTOMISATIONS



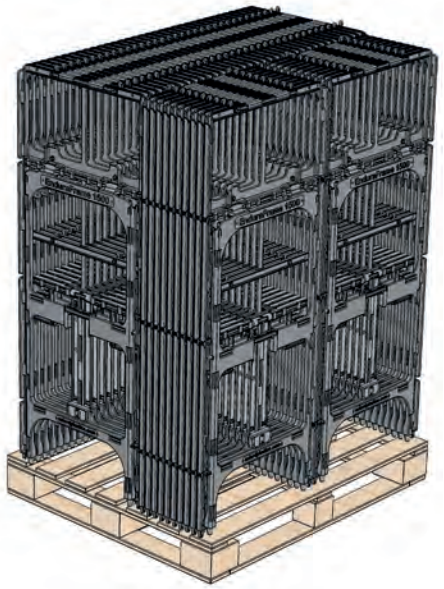
Coloured customisation, MOQ 250



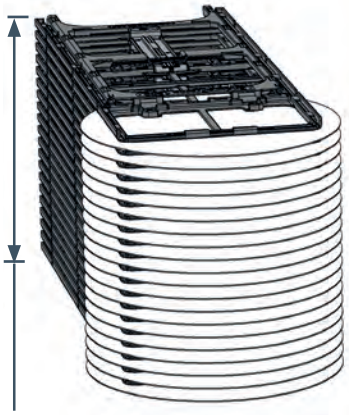
COMPACTNESS AND LIGHTNESS



EnduraFrame 1500 can be stacked with signfaces still attached.



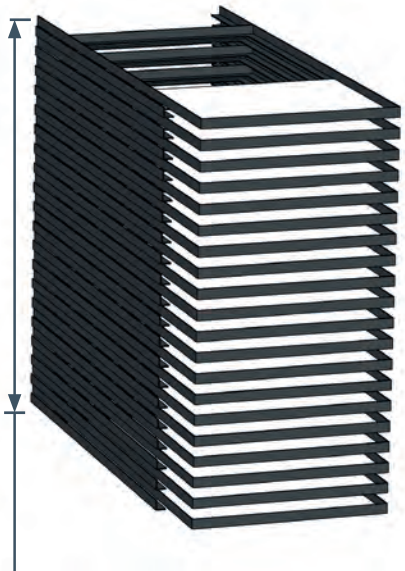
50x EnduraFrame 1500 on a pallet.



20x EnduraFrame 1500s stack 760mm high



20x Alternative Plastic Frames stack 1000mm high



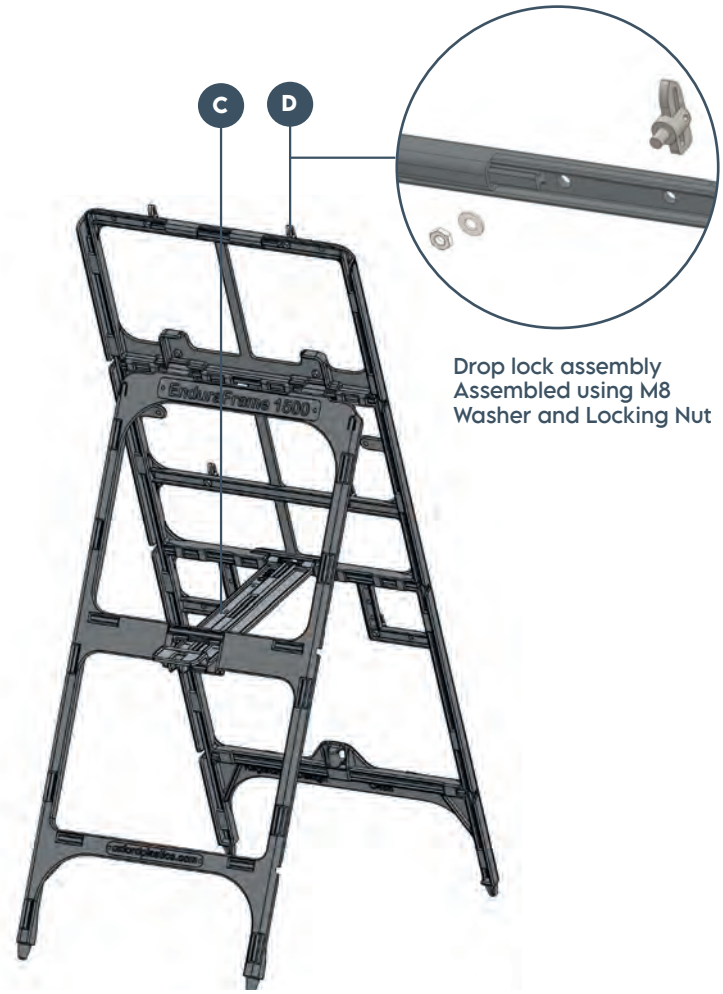
20x Metal Frames stack 1300mm high

	EnduraFrame 1500	Alternative Plastic Frame	Metal Frame
Sign Weight	5.65kg	4kg	13kg
Stacked Sign Height	38mm	50mm	65mm

SPARES AND MAINTENANCE

Parts can be disassembled, enabling elements to be replaced in the unlikely event of damage.





Drop lock assembly
Assembled using M8
Washer and Locking Nut

	Part Name	Material	Product code
A	Front	Black HDPE	O488
B	Rear	Black HDPE	O489
C	Stay	Black HDPE Custom colour HDPE	O490
D	Drop lock	Galvanised steel	O474

ASSOCIATED PRODUCTS

When setting up a street works site, other Oxford Plastics solutions can be used to ensure compliance is achieved. Browse our Chapter 8 solutions; including advanced barrier systems, trench covers, road plates, wheelchair ramps and street works signs.



ADVANCED BARRIER SYSTEMS



PORTABLE GATE BARRIERS



STREET WORKS SIGNS



WHEELCHAIR RAMPS



TRENCH COVERS



ROAD PLATES

RECYCLABILITY

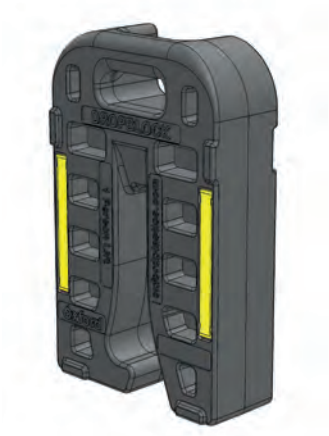
RECYCLABLE PRODUCTS

Made using recyclable plastic materials.

End of life products can be returned to Oxford Plastics for recycling.



The DropBlock Ballast Weight, made of recycled PVC, can be re-ground at Oxford Plastics and used to make new products.



CONTACT INFORMATION

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