

# ENDURAFRAME 1500



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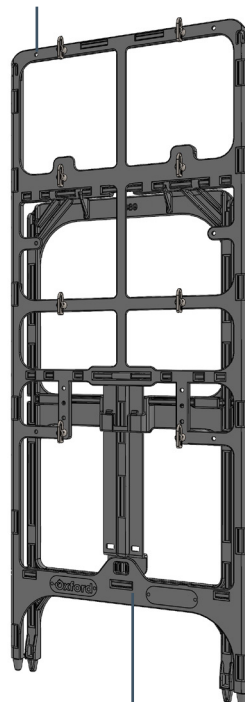
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## FEATURES

30CM SQUARE MOUNTING FASTENERS  
AS PER QUICKFIT MINI FRAMES TO  
ACCEPT THE SAME SIGNFACES



OPTIONAL 45CM SQUARE MOUNTING  
POINTS TO ACCEPT A WIDER RANGE  
OF SIGN FACES



ADDITIONAL  
MOUNTING FASTENERS  
FOR LOWER SIGNFACE  
CONFIGURATIONS

SPACE FOR ENGRAVED  
CUSTOMER LOGO

COLLAPSES FLAT

### 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.

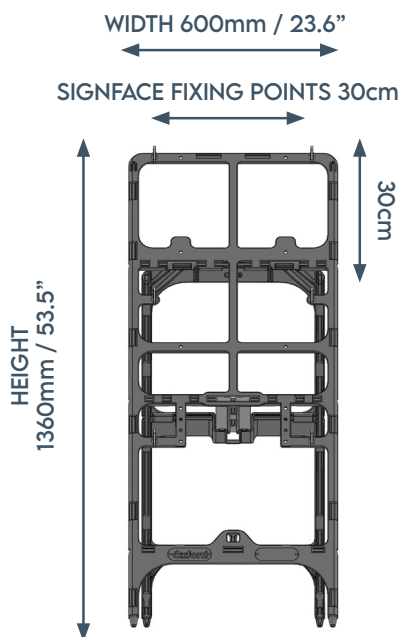
Available in custom coloured frame, MOQ 250.

DropBlock Ballasts can be fitted securely for higher windspeed categories.

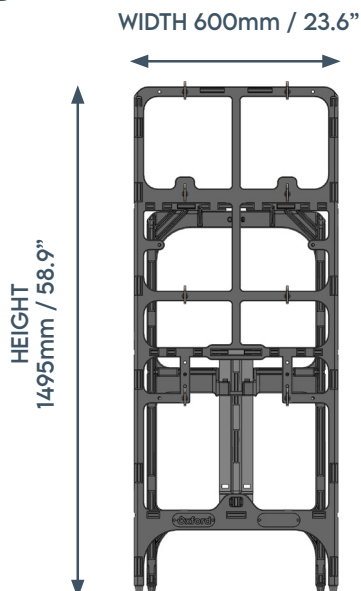
# DIMENSIONS AND WEIGHTS

**ENDURAFRAME 1500 5.65kg / 12.5lbs**

## DEPLOYED



## COLLAPSED



DEPTH INCLUDING FASTENERS 62mm / 2.4",  
EXCLUDING FASTENERS 38mm / 1.5"

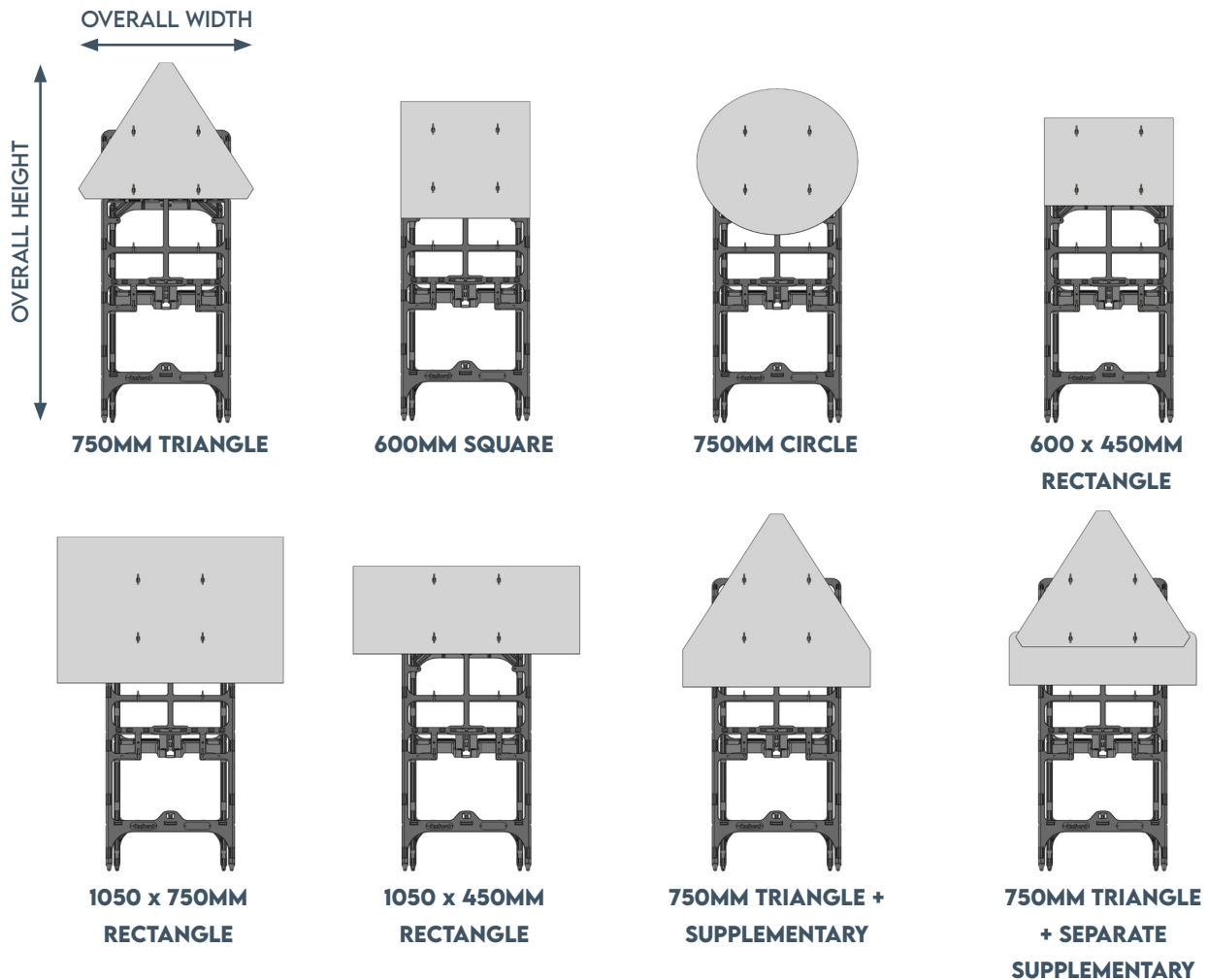


	Product Code	Assembled Weight
EnduraFrame 1500	O492	5.65kg

# DIMENSIONS AND WEIGHTS

## ENDURAFRAME 1500 ASSEMBLED WITH QUICKFIT SIGNFACE

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

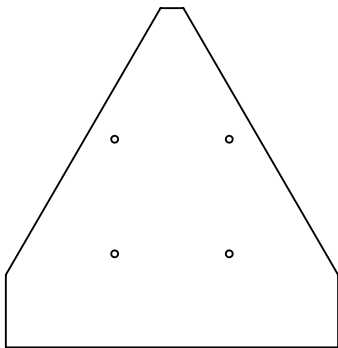


Assembled Signface	Overall Height	Overall Height	Overall Width
	Deployed	Collapsed	
750mm Triangle	1640mm	1840mm	810mm
600mm Square	1450mm	1630mm	600mm
750mm Circle	1515mm	1700mm	750mm
600 x 450mm Rectangle	1385mm	1555mm	600mm
1050 x 750mm Rectangle	1520mm	1705mm	1050mm
1050 x 450mm Rectangle	1385mm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

## SUPPLEMENTARY PLATE

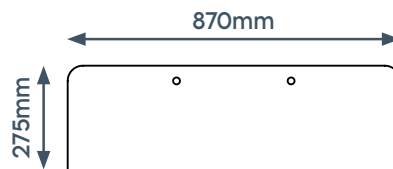
The EnduraFrame 1500 is compatible with supplementary plates. Fit with either a single piece sign face and supplementary plate, or a 2 piece sign face and supplementary plate.

### SINGLE PIECE OPTION

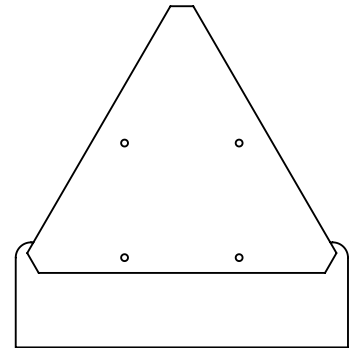


**SINGLE PIECE 750MM TRIANGLE  
+ SUPPLEMENTARY PLATE**

### TWO PIECE OPTION

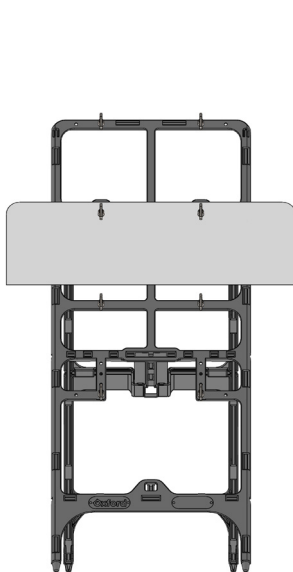


**SEPARATE SUPPLEMENTARY  
PLATE**

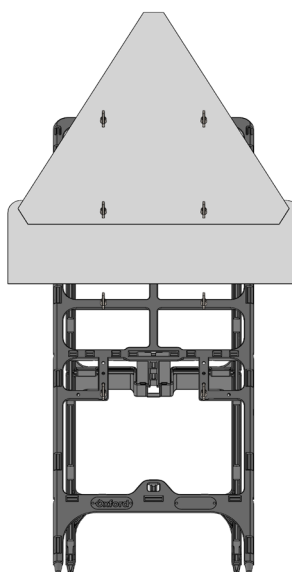


**750MM TRIANGLE**

### 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

DropBlock is not suited as a ballast in road-facing setting.

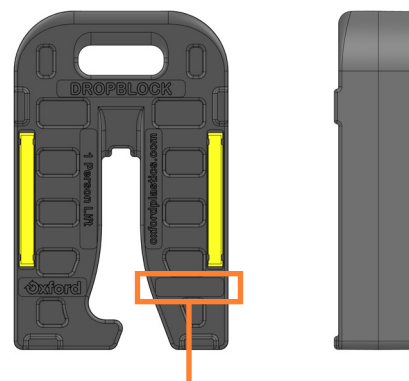
Achieve wind resistance up to Category B (39mph), and reduce defect notices from signs blowing over. See 'WIND RESISTANCE' page for full ballasting details.

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.

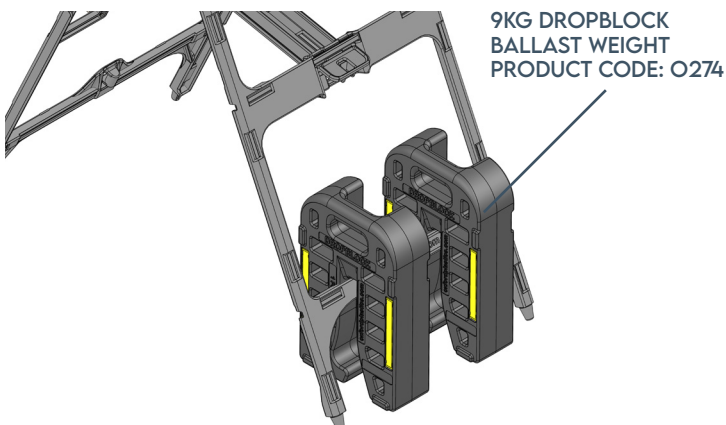
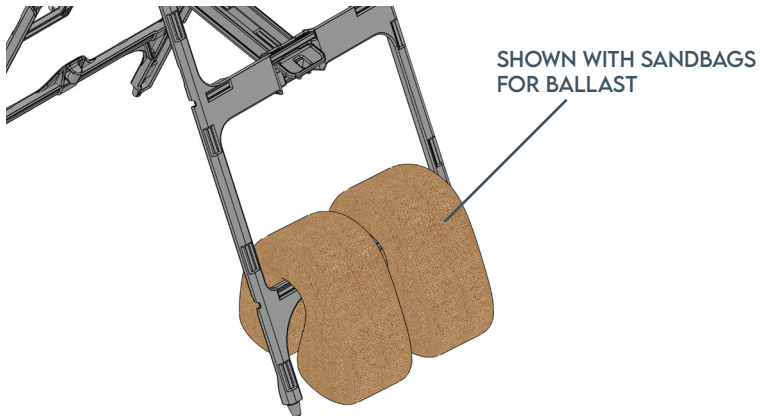
### EXTRAS

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

A closed loop recycling product made of recycled PVC.

# WIND RESISTANCE

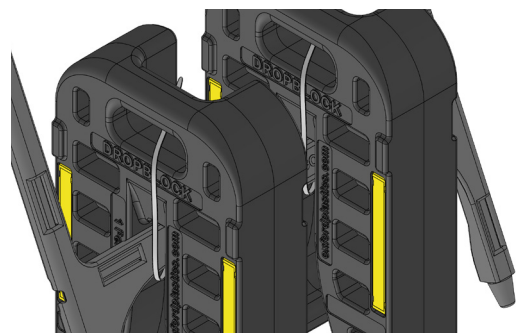
## TRAFFIC SIGNS MANUAL (CHAPTER 8) COMPLIANCE



### 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)

Assembled Signface	C: 8.7m/s (19mph)		B: 17.6m/s (39mph)		A: 26.3m/s (58mph)	
	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

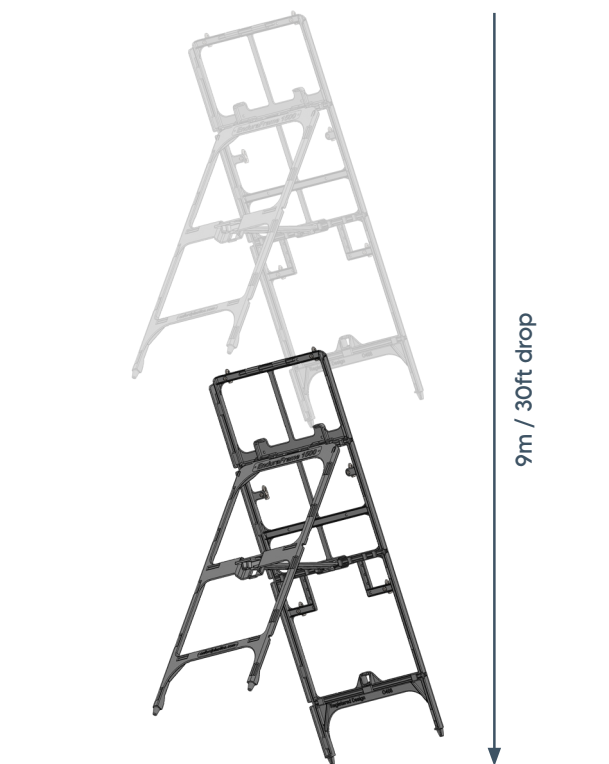
<b>Force 2</b>	8-12mph	Gentle breeze, leaves and small twigs in constant motion, wind extends light flag
<b>Force 3</b>	13-18mph	Moderate breeze, raises duct loose paper, small branches are moved
<b>Force 5</b>	19-24mph	Fresh breeze, small trees in leaf begin to sway, crested wavelets form on inland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

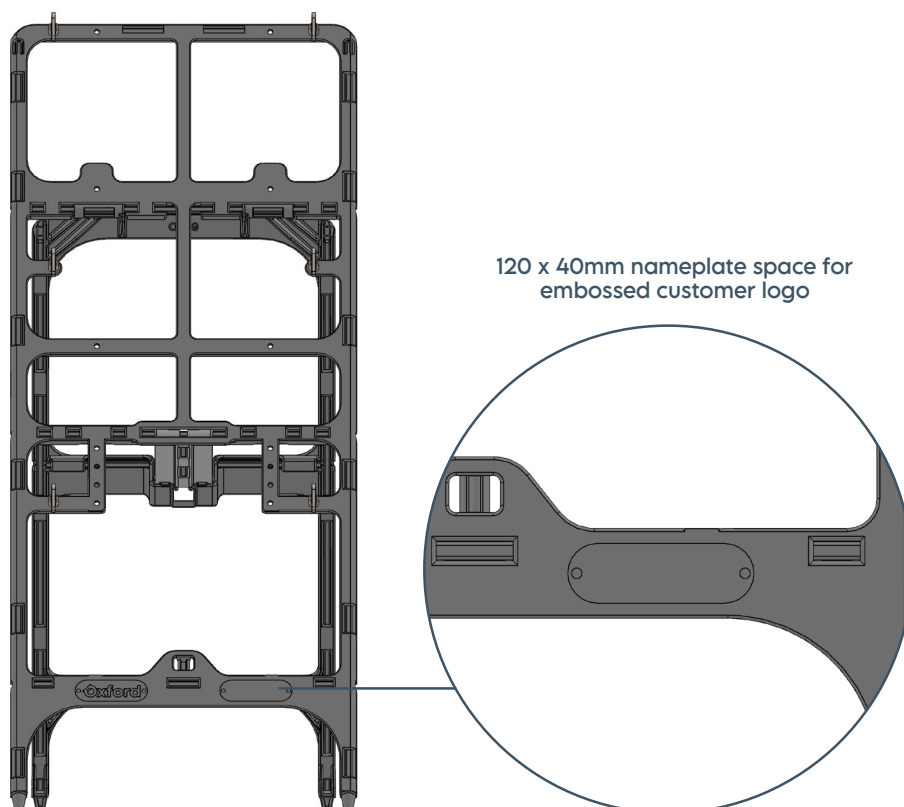


### DROP TEST

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

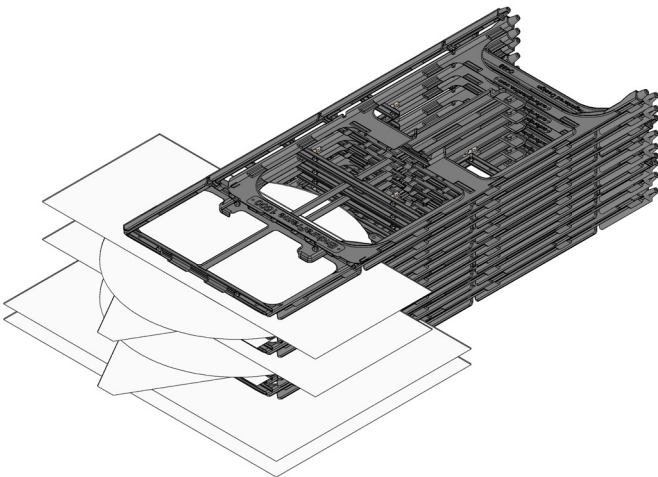


### Coloured customisation, MOQ 250

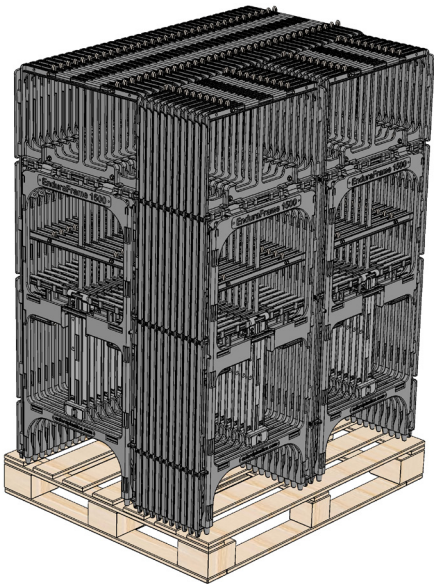




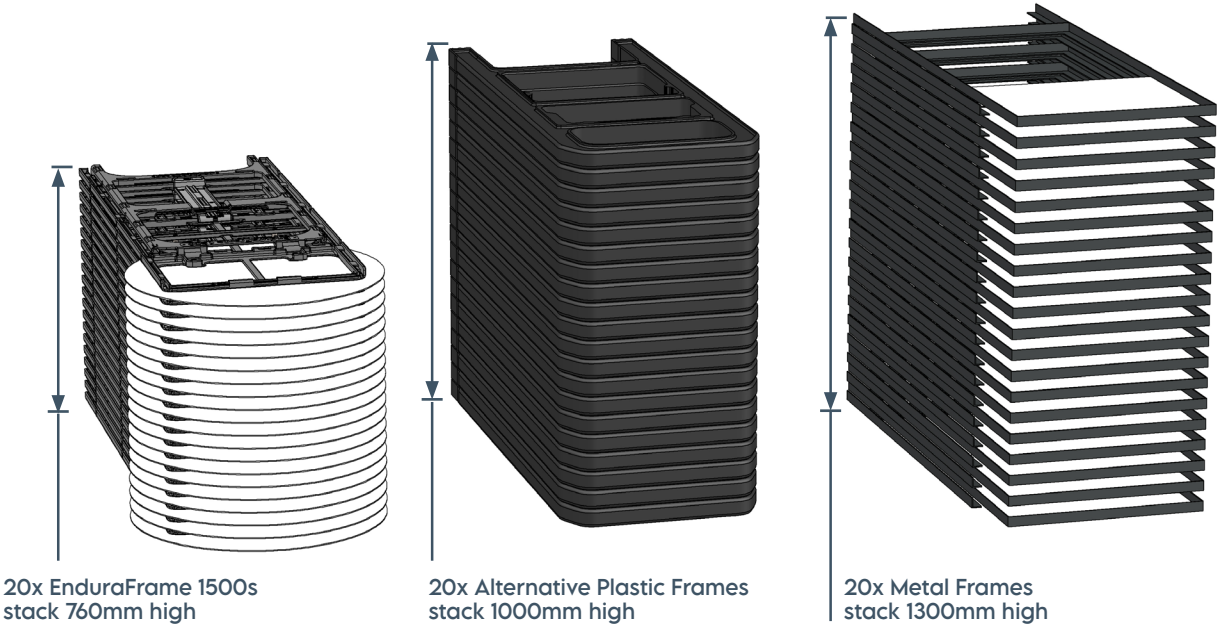
# COMPACTNESS AND LIGHTNESS



EnduraFrame 1500 can be stacked with signfaces still attached.



50x EnduraFrame 1500 on a pallet.

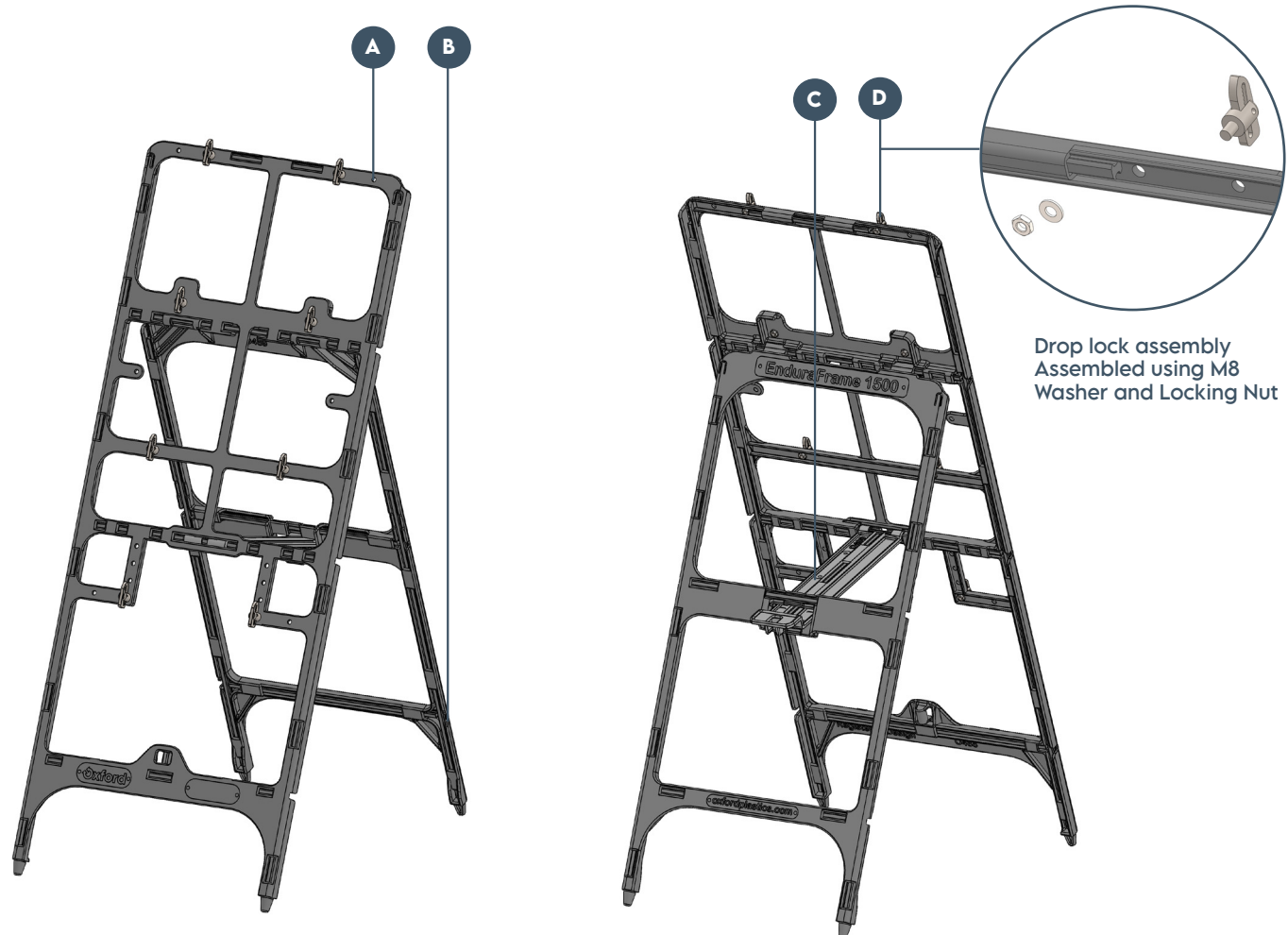


	EnduraFrame 1500	Alternative Plastic Frame	Metal Frame
Sign Weight	5.65kg	4kg	13kg
Stacked Sign Height	38mm	50mm	65mm



# SPARES AND MAINTENANCE

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



	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**



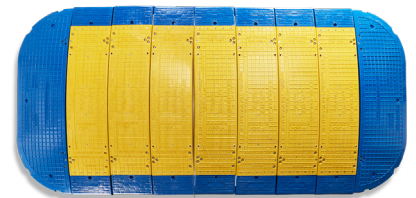
**STREET WORKS  
SIGNS**



**WHEELCHAIR  
RAMPS**



**TRENCH  
COVERS**



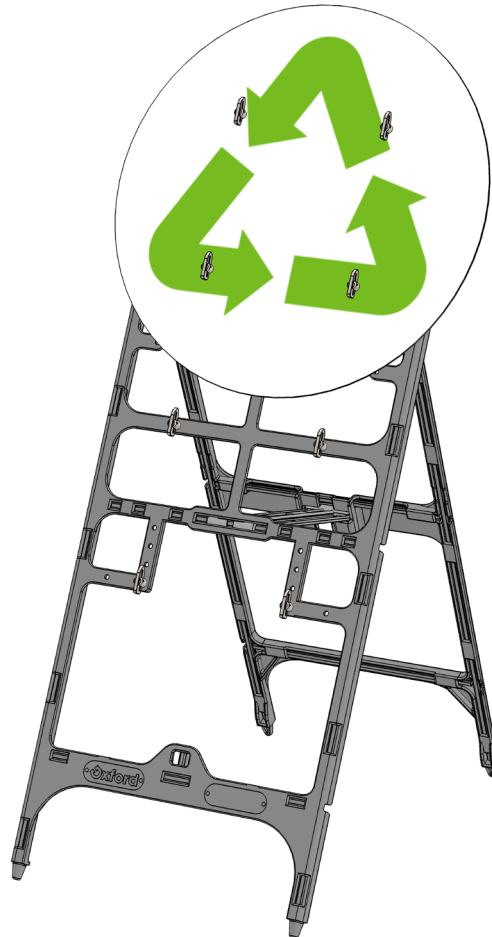
**ROAD  
PLATES**

## RECYCLABILITY

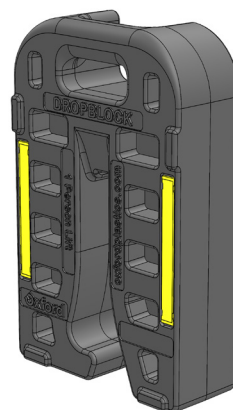
### RECYCLABLE PRODUCTS

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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