

ULTIMA Connect features the same twinwall, sectional design as the standard system but sections are built from combining multiple parts.

The system comprises of corner pieces ('hockey sticks') and sidewall lengths. There are left and right handed corner pieces, which offers the ability to offset joints between sections in order to provide a brickwork effect. The corner pieces are referred to by the internal length on the long side.

These parts are connected using a jointing peg to form a variety of clear opening sizes.

Sidewall lengths can be used with the corner pieces to provide additional chamber sizes.

MATERIAL PROPERTIES

Glass Reinforced Polyester Resin (GRP)

Tensile Strength	ISO 527-4	70 MPa
Young's Modulus	ISO 527-4	11 GPa
Flexural Strength	ISO 14125	130 MPa
Flexural Modulus	ISO 14125	9.5 GPa
Impact Strength	ISO 179	50 J/mm ²
Density	ISO 1183	1.75 g/cm ³
Water Absorption	ISO 62	< 0.5 %
Volume Resistivity	IEC 60093	1.99E+12 Ohm*cm
Fire Performance	UL94	HB (Indicative site test)
Limited Oxygen Index	ISO 4589-2	23.00 %

These are indicative figures. Materials can be formulated to achieve different properties subject to specification/ customer requirements.

COMPONENT PARTS SIZE GUIDE

HOCKEY STICKS

Effective Length (mm)	Left Hand Part Code	Right Hand Part Code	Weight (kg)
400	CPUCHS-03200080-LH	CPUCHS-03200080-RH	3.08
600	CPUCHS-05200080-LH	CPUCHS-05200080-RH	3.82
675	CPUCHS-05950080-LH	CPUCHS-05950080-RH	4.24
750	CPUCHS-07700080-LH	CPUCHS-07700080-RH	4.66
800	CPUCHS-07200080-LH	CPUCHS-07200080-RH	4.82
900	CPUCHS-08200080-LH	CPUCHS-08200080-RH	5.58
1000	CPUCHS-09200080-LH	CPUCHS-09200080-RH	5.96
1200	CPUCHS-11200080-LH	CPUCHS-11200080-RH	6.87
1500	CPUCHS-14200080-LH	CPUCHS-14200080-RH	8.13
1900	CPUCHS-18200080-LH	CPUCHS-18200080-RH	9.90

STRAIGHT WALLS

Effective Length (mm)	Part Code	Weight (kg)
500	CPUCSW-0500	3.11
600	CPUCSW-0600	3.56
1000	CPUCSW-1000	5.45

CONNECTOR PEG

Part Code	Weight (kg)
CPULCS-FPV1	0.20

STAKKAbox™ ULTIMA Connect

2100mm x 2100mm



Clear Opening

2100
2100 X

Product Profile

External Dimensions:	2235 x 2235
Depth:	150mm
Weight:	48.36kg
Product Code:	N/A
Packaging:	Solid Ring or Flatpack



Image is representative and may not show the product described

Materials

Chamber Material:	Glass Reinforced Polyester Resin
Colour:	Grey

Installation Environment

Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
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Accessories

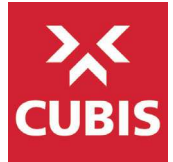
Available with this product:

- Chamber Base
- Steps
- Cable Management Furniture

Datasheet | 20/06/2016 | V1.0

STAKKAbox™ ULTIMA Connect

3500mm x 3000mm



Clear Opening

3500
3000 X

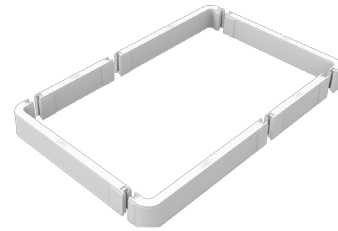


Image is representative and may not show the product described

Product Profile

External Dimensions:	3635 x 3135
Actual Depth:	160mm
Stacking Depth:	150mm
Weight:	70.96kg
Product Code:	CPUCRS-35003000-00**
Packaging:	Solid Ring or Flatpack

Materials

Chamber Material:	Glass Reinforced Polyester Resin
Colour:	Grey

Installation Environment

Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
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Accessories

Available with this product:

- Chamber Base
- Steps
- Cable Management Furniture

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STAKKAbOX™ ULTIMA Connect

5000mm x 5000mm



Clear Opening

5000
5000 X

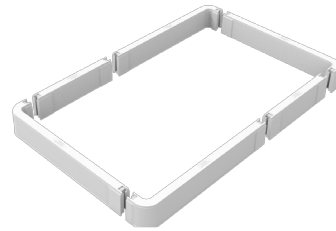


Image is representative and may not show the product described

Product Profile

External Dimensions:	5135 x 5135
Actual Depth:	160mm
Stacking Depth:	150mm
Weight:	109.8kg
Product Code:	CPUCRS-50005000-00**
Packaging:	Solid Ring or Flatpack

Materials

Chamber Material:	Glass Reinforced Polyester Resin
Colour:	Grey

Installation Environment

Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
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Accessories

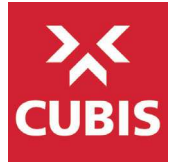
Available with this product:

- Chamber Base
- Steps
- Cable Management Furniture

Datasheet | 28/04/2017 | V1.0

STAKKAbox™ ULTIMA Connect

6200mm x 3000mm



Clear Opening

6200
3000 X

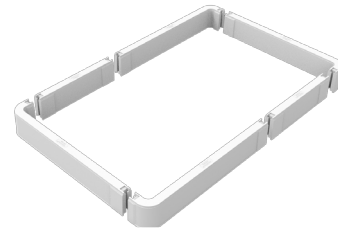


Image is representative and may not show the product described

Product Profile

External Dimensions:	6335mm x 3135mm
Actual Depth:	160mm
Stacking Depth:	150mm
Weight:	105kg
Product Code:	CPUCRS-62003000-00**
Packaging:	Solid Ring or Flatpack

Materials

Chamber Material:	Glass Reinforced Polyester Resin
Colour:	Grey

Installation Environment

Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting EN124 Class A15-E600).
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Accessories

Available with this product:

- Chamber Base
- Steps
- Cable Management Furniture

Datasheet | 27/02/2017 | V1.0