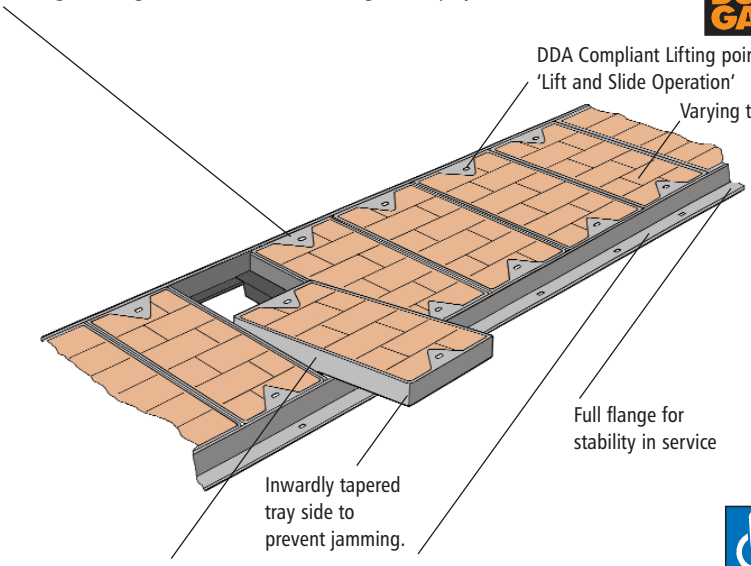
TELEBLOC

MEDIUM FREQUENCY ACCESS WITH LIFT AND SLIDE OPERATION

CPS9 CONTINUOUS DUCT RUN

All Telebloc units are post galvanised in excess of BS EN 1461. Post Galvanised coating thickness is available in 3 grades of finish to suit the specific project geographical location. Telebloc units should be designed to cater for their intended application and should last the life of the project.
See chart on page 53 for the various grades of corrosion protection required to meet the designers obligations on Whole Life Costing for the project.

DURA GALV 70
DURA GALV 100
DURA GALV 140



DDA DUTY OF CARE Compliant products

TOTAL CARE CODE

GA galvanizers association

NETWORK · RIBA · CPD PROVIDERS

Jones of Oswestry provides RIBA approved CPD support for designers and architects in the subject of true sustainable design.
For further details email marketingsupport@jonesofoswestry.com

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GENERAL TECHNICAL DETAIL, COMPOSITION AND MANUFACTURE

APPLICATION

External paved areas where:-

- Aesthetic finish is important
- Public domain therefore anti slip and anti trip measures important
- DDA compliance is a design minimum
- Removal of a cover by a single person may be required

MECHANICS, PERFORMANCE

In order to ensure the covers continue to perform for their design life all Jones Telebloc covers are tested to BS EN 124 load classifications as listed pg 52. Further design considerations include deflection under actual live loading to protect finishes from damage in service. Damaged or proud infill constitutes the most common complaint by the general public and constitutes a large part of injury claims on local authorities from slip and trip.

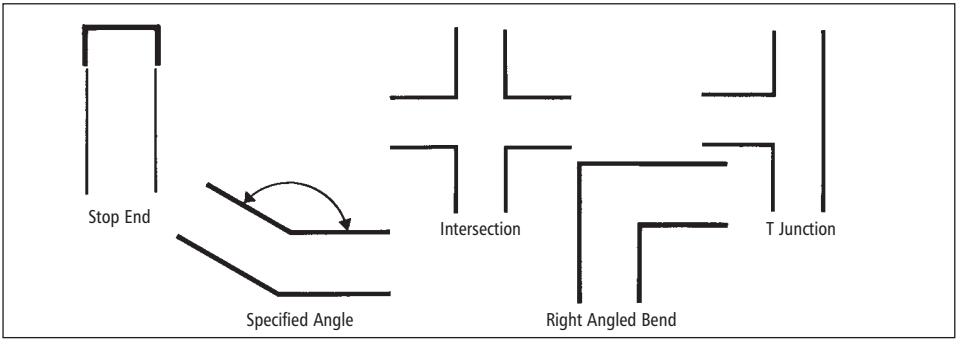
COMPOSITION, MANUFACTURE

Covers are fully welded fabrications using a minimum of 6mm thick structural steel plate.
Access covers are tapered inward at their base to ensure adequate clearance for removal in service.
Lifting points are integral to each access cover and include a fully welded, robust finish to cater for the filled weight of recessed access covers in service.
Lifting points are positioned central on the covers near-side to facilitate the lift and slide removal action, specific to Telebloc.
Frame units include heavy duty 'T' section format around all sides of the unit. Pierced anchor points together with a full width seating ensures that any load is transmitted back to supports with less risk of localised failure in the bedding material.

ADAPTABILITY

The adaptability of the TELEBLOC range means that units can be produced to suit any duct configuration, internal clear opening span and loading capacity. Typical example of internal clear opening span widths being 300, 450, 600 and 750mm.
Any clear opening size is available in 10mm increments, and can be specified by deleting the last digit of the size i.e. 610mm internal clear opening span becomes a 61 specifying code.

DETAILS OF STANDARD TRENCH CONFIGURATIONS



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TELEBLOC
CPS9 CONTINUOUS DUCT RUN

LOAD CLASSES, BS EN 124

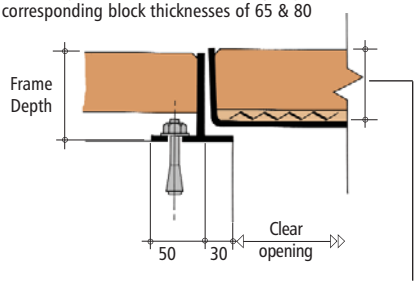
EUROPEAN STANDARD FOR ACCESS COVERS

LOAD CLASSES	TEST LOAD	SUGGESTED AREAS OF USAGE	SPECIFYING CODE
A15 	15kN (1.5 Tonne)	Pedestrian and Cycle Areas Recommended S.M.W.L. Not exceeding 1 Tonne	/A
B125 	125kN (12.5 Tonne)	Pavement, Pedestrian Zones, Car Parks & Verges Recommended S.M.W.L. Not exceeding 6 Tonne	/B
C250 	250kN (25 Tonne)	Slow moving occasionally trafficked areas i.e Service Roads, Vehicular Access Areas, Parking Areas etc. Recommended S.M.W.L. Not exceeding 11.5 Tonne	/C
D400	400kN	Contact our technical support team for advice on exceptionally heavy vehicled areas.	/SD
E600	600kN		/SE
F900	900kN		/SF

ALTHOUGH NOT COMPLYING WITH BS EN 124, OTHER INTERMEDIATE LOAD CLASSES ARE AVAILABLE, CONSULT OUR TECHNICAL DEPARTMENT

SECTIONAL DETAILS

Frame depths of 88 & 104 to suit tray depths of 70 & 86 for corresponding block thicknesses of 65 & 80



Plain Seated detail shown

ACCESSORY SUFFIXES

To specify add the following suffixes to the progressional specification code

A3 - Unsealed / Plain Seated
A4 - Vented
B4 - Locking Down Bolts
B5 - Hasp & Staple
B8 - Security Screw Locking
E1 - Stainless steel edging
E2 - Brass edging
H1 - Service ID (please specify)

DIMENSIONS
The above typical section shows general installation dimensions, based upon various cover tray depths to suit the slab or pavior being used. See above for tray depth details. Frame depths are manufactured to 50 and 65mm block depths plus 38mm.

TELEBLOC continuous duct run is available to suit any size specific project requirements.

CONFIGURATION
Please note trench length in (10mm increments) and configuration details will also be required. If a straight duct run of 7,687mm is required, delete the last digit and add x 768 to the specifying code after the coating finish, if right angle bends, T Junctions etc are required please include plan details showing layout. If in doubt contact techadvice@jonesofoswestry.com

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FINISHES

How to use the Longevity Table

1. Locate your site on the Millennium map (E.g. Leeds - West Yorkshire)
2. Match the corrosion category square colour to the key (Leeds = 3 light blue)
3. Read down from Product Design Life to establish required minimum life i.e. 25 years.
4. Once minimum Product Design Life has been established, (20,25 or 30 years) cross reference with your site location category (1,2,3,4 or 5) to determine your required Duragalv finish. (Duragalv 100)
5. At the end of the specifying code DG100 needs to be added.

Coating suffix specifying codes:
Duragalv70 = DG70
Duragalv100 = DG100
Duragalv140 = DG140

Fabricated mild steel products, Hot-Dip Galvanised after manufacture = GALVANISED LONGEVITY TABLE

Rate of corrosion of zinc (in microns per annum).	2.5	3	3.5	4	4.5
See Millennium Map for your site location or visit www.hdg.org.uk/map/index.htm	1	2	3	4	5
PRODUCT DESIGN LIFE					
20 YEARS Generally less than the normal minimum design life for product in public domain - UNACCEPTABLE WHOLE LIFE COSTING RETURN PERIOD	DURA GALV 70	DURA GALV 70	DURA GALV 70	DURA GALV 100	DURA GALV 100
25 YEARS Normal minimum design life for product in public domain - ACCEPTABLE WHOLE LIFE COSTING RETURN PERIOD	DURA GALV 70	DURA GALV 100	DURA GALV 100	DURA GALV 100	DURA GALV 140
30 YEARS Enhanced design life for product in public domain - PREFERRED WHOLE LIFE COSTING RETURN PERIOD	DURA GALV 100	DURA GALV 100	DURA GALV 140	DURA GALV 140	DURA GALV 140

Jones of Oswestry provide an extensive on-line support service. Simply attach your drawings or list your queries to techadvice@jonesofoswestry.com and one of our engineers will guide you to the most suitable solution.

HOW TO SPECIFY

PROGRESSIONAL EXAMPLE FOR SPECIFYING

Ref DESCRIPTION	MAIN PRODUCT CODE: PRODUCT TYPE	CLEAR OPENING	LOAD CLASS	INTERNAL DEPTH OF TRAY	ACCESSORY SUFFIX	FINISHED COATING
DETAIL	(TELEBLOC CONTINUOUS)	(600mm)	(B125)	(70mm)	(SECURITY LOCKING)	(SEE LONGEVITY TABLE)
PRODUCT Ref	**CPS9**	**60**	**B**	**70**	**B4**	**DG100**

FULL SPECIFYING CODE OF = CPS9/60/B/70/B4/DG100xLENGTHxCONFIGURATION

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