



**Recessed Cover Specification for
Designers, Architects, Councils
and Contractors**

Durey Castings Edition

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Frames and Covers for Precincts,

Information for Designers, Architects, Councils and

Contractors by Durey Castings Limited.

About this document ..

This is Issue 1 Public Domain 1 of this document.

1 *Introduction*

Where developers/architects have adopted block paving or other decorative surfacing, either for refurbishing an existing pavement or for new construction, there will often be a request for utility/service covers to be installed which allow for a matching infill.

It is not BT standard practice to fit Recessed/ Precinct covers to jointing chambers, and where possible it is preferred to use standard Concrete footway or Ductile Iron carriageway frames and covers.

However, provided the cost of purchase and installation of the Recessed covers and frames is borne by the developer/contractor initiating the request, such BT Specified frames and covers may be accepted provided they are manufactured by an approved supplier and in accordance with BT specification LN593.

2 *Frame and Cover Approval*

In order to ensure that such frames and covers are suitable for BT use, may be removed and replaced using standard BT cover handling equipment and practice, meet the European standard for Manhole Covers (BS EN124 : 1994) and manual handling regulations, local BT staff involved in such requests will ensure that only BT approved products are Installed.

Manufacturers who have approved products available will have a current Product Approval Certificate issued by BT.

In order to eliminate the recurring practise whereby unapproved manufacturers have claimed BT approval, a decision has been made to appoint **CUBIS Industries (formerly Salmor Industries) as the sole approved supplier of these products.** (See Para 9 :- Sole Approved Supplier). Durey Castings supply Cubis BT Approved units.

Developers should be aware that BT will take legal proceedings against any developer who fits unapproved frames and covers within the BT network and will claim damages and costs from them. If you are unsure how to specify approved covers, please contact your BT representative or visit www.dureycastings.co.uk.

3 *Description*

These approved frames and covers consist of a galvanised steel fabricated frame, fitted with unfilled galvanised steel fabricated cover trays and cross-beams.

Each cover tray is equipped with two key-hole fittings (in the centre of the short side) one of which carries a BT identity mark and the manufacturers' three letter identification 'SID'. The other key-hole fitting displays EN124 and B125 together with the BSI Kitemark certifying the covers to BS EN124: 1994.

Each cover tray includes a galvanised expanded steel mesh to assist bond between the cover tray and infill materials. Maximum overall depth of cover is 75mm with an 86mm frame depth and is designed for use with a maximum block of 65mm depth.

4 *Conditions of Use*

All approved products in the BT range are required to meet EN124 load classes and be KITE MARKED. They are suitable for use in footways and made up surfaces provided for vehicle access such as driveways to garages or service areas, to shopping precincts or pedestrian areas where passage for fire / service vehicles is required and where the vehicle speed is restricted to approximately 5 mph.

Frames and Covers produced in accordance with the FACTA specification WILL NOT be accepted.

RECESSEDED FRAMES AND COVERS MUST NOT BE USED IN CARRIAGEWAY SURFACES, INCLUDING ENTRIES TO INDUSTRIAL SITES OR FACTORIES, OR IN LAY-BYS.

5 *Installation Instructions*

On request, the approved supplier will provide an installation sheet and datasheet covering all aspects of installing the frame and covers and the special infill. Infill materials **MUST** be installed using the bedding material / method recommended in the datasheet.

6 *Infill Details*

The approved products will accommodate infill blocks to a maximum depth of 65mm. Deeper infill materials will **NOT** be accepted as this compromises safe manual handling by BT staff and contractors.

7 **Sizes Available**

Frame and cover sizes equivalent to all current BT standard jointing chambers are included in the approved range.

In addition a size suitable for the obsolete JC1/JRC1 jointing chamber is also available.

Because the depth of covers is greater than the equivalent standard footway cover to accommodate the infill blocks, the size of covers is restricted to ensure that cover weights do not become excessive. For example, the Recessed frame and cover for a No 10 jointing chamber has six covers rather than the standard three covers.

8 **Cross-beams**

All frame and cover sizes in the approved range except the No 2 jointing chamber will include at least two covers. Cross-beams are provided between adjacent covers. The cross-beams in these frames and covers act as an integral part of the load-bearing structure and must be installed/replaced to maintain structural integrity of the installed unit.

9 **Only Approved Supplier for Recessed/Precinct Covers and Frames**

CUBIS Industries
Product Approval Cert No PA/111/99
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