



APPLICATION

Categories provided in CRBuilding Class

- ?? Pre-1945 terraced houses
- ?? Pre-1945 semi detached houses
- ?? All other pre 1945 houses
- ?? 1945 – 64 small terraced houses
- ?? 1945 – 64 large terraced houses
- ?? 1964 – 1979 houses
- ?? Post 1979 houses
- ?? All houses
- ?? Pre 1945 low rise flats
- ?? Post 1945 low rise flats
- ?? Medium rise flats
- ?? High rise flats
- ?? Bungalows

Key Features

Building Class provides you with:

- ?? Building age & structural type for every residential building
- ?? 8 categories of age
- ?? 20 categories of structure
- ?? 83 category cross-referenced database
- ?? Geographically enabled & available in a range of formats
- ?? Supply of all 13 MRA categories

*requires Ordnance Survey Land-Line for individual properties

How do we do it

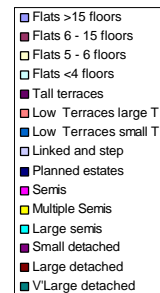
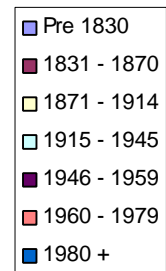
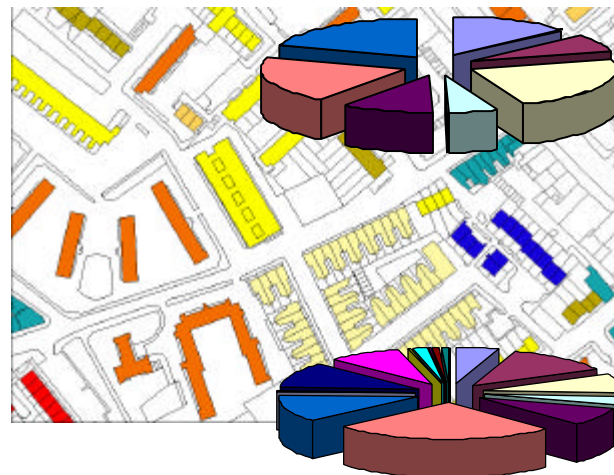
Using high resolution aerial photography, a great degree of photo interpretation knowledge and back up by field checking, each building is looked at and assigned a classification code for its age and structural type. Every residential building is individually and manually classified.

BUILDING DATA FOR MAJOR REPAIRS ALLOWANCE

The Major Repairs Allowance (MRA) calculation requires key knowledge of the architectural types of buildings. Traditional methods to obtain this data are very time intensive, often expensive and involve a large amount of street based surveys.

The CRBuilding Class™ database can provide not only the architectural type of each residential building but also its age. The building class data will help you to undertake a detailed building stock survey from the comfort of your office to map and calculate the MRA.

121 **Building Class** provides for the very first time geographically structured information on the age and structural type of every residential building within an urban area. The database consists of 8 age and 20 structural categories giving a highly detailed and cross-referenced database of 83 different property types.



Residential buildings are colour coded by their age and architectural type. Detailed statistics as well as individual building investigation can also be undertaken as shown in the above pie charts. Ordnance Survey? Land-Line? Crown Copyright all rights reserved.

What do you get*

The only geographic database of its type to provide accurate building type information. A map database with a table that lists for each residential property the age and architectural type. A code, see over, classifies the property into one of 8 age categories and 13 structural types.

Users

- Some current users include:
- ?? Greater London Authority
 - ?? London Borough of Brent
 - ?? London Borough of Camden
 - ?? London Borough of Waltham Forest
 - ?? Rushcliffe District Council

Accuracy

With a building by building approach the I2I Building Class database provides a highly detailed picture of the urban structure so improving your modeling and leading to more informed decision making.

Building Class is derived by visual identification and classification of each building from Cities Revealed aerial imagery backed up by field investigation by a team of architectural and landscape experts.

This detailed and accurate (95%+ accuracy) Building Class database is provided in a format that is suitable for use by all users and can be directly linked into OS mapping including MasterMap™.

Availability

Cities Revealed I2I databases are currently being made available for the main urban areas across the UK; contact The GeoInformation Group to see if your area is covered or to find out how this essential building class database can be created for your area.

Various supported file types including:

- ?? ESRI Shape (.shp)
- ?? MapInfo (.Tab .Mid .Mif)
- ?? AutoCad DXF¹
- ?? CSV, xls point data²
- ?? Postcode sector compatible³

¹Not standard, only on request

²Additional charge may be incurred

³Additional charge will be incurred

Age Classifications

- 1 Historic to Georgian mostly (historic – 1837)
- 2 Early and Middle Victorian (1837 - 1870)
- 3 Late Victorian / Edwardian (1870 - 1914)
- 4 World War 1 to World War 2 (1914 - 1945)
- 5 Post War Regeneration (1945 - 1964)
- 6 Sixties and Seventies (1964 - 1979)
- 7 Recent Years (1979 - today)
- 8 Unknown age

Structural Classifications

- 1 Point block slabs
- 2 Flats 4 – 7 storeys
- 3 Line built walk up flats & mews, 3 – 4 storeys
- 4 Tall purpose shared discrete houses & maisonettes
- 5 Tall terraces 3 plus storeys
- 6 Two storey terraces with large T
- 7 Two storey terraces with small or no T
- 8 Attached houses mixed age
- 9 Attached houses with shops below
- 10 Linked and step linked two storey
- 11 Large semis
- 12 Normal size semis
- 13 Bungalows
- 14 Normal detached house
- 15 Large detached house
- 16 Mixture indivisible at this scale
- 17 Investigate further
- 18 Of no further interest

Benefits for authorities working on MRA

Rapid and accurate calculation of MRA to seek funds for capital expenditure on Housing Revenue Account assets.

Provide accurate and rapid returns

Seek funds for Major Repairs Reserve from MRA calculations.

Remove MRA backlogs

Easy access to individual property data to check field surveys and previous MRA calculations

Desktop view of housing stock survey to support field work and future MRA calculations

Area wide housing stock surveys



Query individual properties



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