

Household Metals Collected and Recycled by Recycle IT

| METAL | USES | INFORMATION |
|--------------------------|--|---|
| Lead | Flashings/roof coverings | Soft, heavy metal. Easily worked and resistant to rust...Poison risk! |
| Copper | Plumbing/roofs/decoration | Soft metal easily worked. Conducts heat and electricity well. |
| Zinc | Flashing substitute | Like lead but lighter and not so easily bent. |
| Silver | Cutlery/jewellery | Valuable metal, soft easily worked and damaged. Needs much care. |
| Gold | Jewellery/finery | Valuable metal. 24 carats is pure gold. Needs much care. |
| Brass | Ornaments/decoration/screws | An alloy of zinc and copper, sometimes with some lead. |
| Bronze | Ornaments/decoration/screws | Alloy of copper, zinc and tin. Easily worked. |
| Aluminium | Lightweight parts | Light easily worked metal, rust resistant. |
| Pewter | Tankards/plates/ornaments | Alloy of tin and lead. Generally, a dull metal. |
| Mild steel | Screws/hinges/pots/pans | Iron with carbon content of less than 0.1%. Easily worked but prone to rust. |
| Alloy steel | Springs/chisels/saws/tools | Iron + (e.g.) Tungsten, chromium, nickel. Very hard but rusts easily. |
| Stainless Steel | Kitchen/car/sinks/ heaters/ cabinets / Lockers / BBOs / Pots | Steel with nickel and chromium. Will not stain or rust. |
| Aluminium alloy | Frames/kettles | Aluminium + copper, manganese and magnesium. Very hard but rusts. |
| Nickel silver | Knives/trays etc | Alloy of copper, nickel and zinc.....No silver! |
| Wrought iron | Gates/chains/fences | Iron with carbon and slag. Easily worked and is suitable for welding and soldering. |
| Cast Iron | Boilers/gutters/fire grates | Iron with between 2 and 5% carbon. Very brittle. Can be moulded but not drawn or twisted. |
| Zinc plate | Screws/nails/rust proofing | Coating of zinc over steel produces galvanized (rustproof) steel/iron. |
| Copper plate | Base for Chromium plating | Coated with copper by electrolysis as undercoat for another metal. |
| Chromium plate | Trimblings e.g. knobs/handles | Very bright cheaply produced plate for shiny surface. |
| Silver/Gold plate | Jewellery etc. | Plated onto other metals for attractiveness and increased value |

Recycle IT, Unit 14/2 Crag Terrace, Clondalkin Industrial Estate, D22 TK37
 Clondalkin Community Recycling Initiative T/A Recycle IT: Companies Registration Number 365139: VAT No. IE6385139L:
 RECYCLE IT is fully legally compliant in respect of the waste facility permit and waste collection permit. Our Waste Collection Number is
 NWCPO-08-01140 and our Waste Facility Permit Number is WFP-DS-10-0010. Directors are: Cecil Johnston, Dermot Maguire, Guss
 O'Connell, John McMackin, Karen Shields and Paul Smith.



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