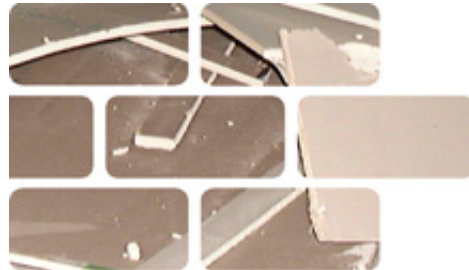


## G1 PLASTERBOARD



Plasterboard is a sheet product made from gypsum and paper. Plasterboard is manufactured in a range of standard sizes of various thicknesses and finishes, depending on the specification required. Some boards have fire retardant and/or water resistant additives and may include a vapour barrier foil. This DRIDS excludes gypsum products containing or covered in asbestos containing materials, which should be determined within the site survey. NFDC has worked with WRAP to increase the amount of plasterboard sent for recycling and not to landfill.

Plasterboard Gypsum 17 08 02

### WASTE STREAMS

#### DISPOSAL

Sending plasterboard to landfill may be the only option where materials are contaminated or where recycling is not commercially viable. Boards coated in artex should be sent to a gypsum recycling plant.

#### RECOVERY

Plasterboard can be used for agricultural soil treatment with limits.

#### RECYCLE

Plasterboard can be recycled when it is not contaminated and where markets exist for the feedstock. This is currently limited to process waste, installation off-cuts and clean, uncontaminated refurbishment wastes.

#### RECLAIM

There are limited opportunities for the reclamation and reuse of plasterboard.

### USAGE & PROBABLE LOCATIONS

Plasterboard, thermal laminated boards containing plasterboard and plasterboard coving/ decorative items are mostly used for lining walls and ceilings, but are also used for protecting rafters, trusses, steel frames, lifts, panel systems, underside of stairs and some door types. Plasterboard can be found in domestic, industrial and commercial buildings.

### PERSONAL PROTECTIVE EQUIPMENT

PPE requirements indicated are for guidance purposes only. DRIDS has identified the PPE that is mandatory on all demolition projects and ones that may be required subject to site specific Risk Assessment & Method Statement (RAMS).



The following types of PPE are non mandatory but should be considered if necessary to the specific task



## REMOVAL, SEGREGATION & STORAGE

Plasterboard sheets that are not contaminated have a recycling value. Plasterboard destined for recycling should be segregated and stored in designated skips, bins or bulk bags. The option for beneficial reuse of recycled gypsum from plasterboard for agricultural land improvement now requires a permit, as defined in the revised Plasterboard Quality Protocol. Non-hazardous plasterboard should only be sent to landfill as a last resort. It should be disposed in a landfill for non-hazardous waste in a cell where no biodegradable waste is accepted. Plasterboard is not permitted in mixed landfill. Refer to PAS109 Quality Protocol for Gypsum in Further Reading.

## TOOLS

Hammer, saw, nailbar, crowbar, screwdriver, jemmy bar, chisel, electric screwdriver

## FIXTURES, FITTINGS & CONNECTIONS

Plasterboard has been traditionally fixed in place with plasterboard nails, screws or wall/coving adhesive. For some wall panel systems, the plasterboard sheets will tightly run inside metal, timber or plastic channels without the need for fixings. Thermal laminated boards containing plasterboard, insulation material and vapour barrier foil are bound together with adhesive and can be difficult to separate for recycling.

## HEALTH & SAFETY

**Subject to task-specific Risk Assessment & Method Statement (RAMS).** Use correct protective equipment for removing fixings, especially nails and screws. Wear gloves when handling sheets with damaged edges, coated in vapour barrier foil or insulation panels to prevent irritation, cuts and friction burns. Wear eye protection when removing nails or screws with a crowbar, hammer or nailbar. Do not walk on wet sheets that have been coated in paint, vapour barrier foil or other type of glazed finish.

## FURTHER READING

Plasterboard Sustainability Partnership  
Plasterboard Sustainability Action Plan Report 2013  
Plasterboard PAS 109  
Plasterboard REAP  
Plasterboard Recycling  
Quality Protocol for Gypsum  
Environment Agency Position Statement on Plasterboard  
WRAP Designing out waste Plasterboard  
HSE Safe Handling of Plasterboard

## TRAINING

Manual Handling  
Safe Use of Hand Tools