

## Recycling Programme

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### A Reliable, Cost-Effective way to:

- Exercise Environmental Responsibility
- Reduce Solid Waste in Landfills





# Armstrong's recycling programme

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Armstrong have developed a recycling programme based around:

- **BIOGUARD PLAIN:** the health tile
- **BIOGUARD PERFORATED:** the health tile with improved acoustical performance
- **ACADEMY MERIT:** a lightly fissured tile dedicated to the education range
- **ACADEMY DIPLOMA:** a white and fine textured tile dedicated to the education range
- **FREQUENCE:** a fine fissured tile, with excellent acoustical performance
- **DUNE SUPREME:** the well-known lightly granulated surface, with sealed edge details
- **DUNE MAX:** high performance acoustical version of Dune
- **DUNE SUPREME UNPERFORATED:** the simple and economical solution

Now, building owners and specifiers can choose a product that can not only be recycled in the future by Armstrong but will also be collected free\* by Armstrong and be returned to the Armstrong manufacturing plant in the UK.

For over a decade Armstrong has successfully recycled process scrap and dust at our manufacturing plants as part of our long standing commitment to protecting the environment. For us, it is a natural extension to offer the possibility of recycling of materials from job sites at the end of their useful life.

## Recycling ceilings

All Armstrong products mentioned above ceiling tiles are capable of being recycled in the Armstrong process (see 'Armstrong requirements for recycling')

## Financial considerations

- Labour costs associated with single material retrieval
- Organisation around Armstrong collection

## Versus

- Local handling, transport and landfill fees
- Mixed material consolidation in jobsite waste containers

\* Full trailer loads of product sold and installed in the UK/RoI after 1st December, 2002.



# Armstrong's Requirements for Recycling ceiling tiles

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## Quality

Materials must be clean and dry and free from any contamination

No wood, metal, plastic or builders debris is acceptable

No material containing metal foil or other fabrics will be accepted

No products that are mouldy or wet or cannot be transported in a safe manner

No product contaminated with any hazardous material or requiring special handling or disposal methods.

## Packaging

Materials must be stacked tidily and safely on wooden pallets

Pallets should not be stacked more than 2 metres high

Stretch wrapping or tape strapping will improve local transport stability

Pallets should be loaded safely onto transport to achieve maximum utilisation and minimal transport costs.



Removal and stacking



Wrapping and palletisation



Loading Armstrong transport

## Quantity

Armstrong will pay for the transport costs back to Team Valley, Gateshead, NE11 0SP, for full truck loads of material. This is approximately 3,000m<sup>2</sup> of normal 15mm product, that has been sold and installed within the UK/ROI (see questions and answers).

A normal 40ft curtain sided trailer will hold 18 x 1200 x 1200mm pallets.

*For quantities below 3,000m<sup>2</sup> – Armstrong will still recycle suitable product but the cost of transport to the recycling facility will remain with the product owner.*

## Transport Leadtime

A minimum of 48hrs notice is required to arrange transport collection.

N.B. Material may be rejected at Team Valley, if it is deemed unsafe to unload the vehicle after transport. The materials will be returned to the owner at his cost.

# Recycling Questions and Answers

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**Q – Why is Armstrong doing this?**

A – Armstrong has always been concerned about the environment, and already tries to use recycled materials, this is a logical extension which can save, you the customer, waste disposal costs.

Landfill in the UK is running out and getting more expensive; recycling makes good sense to everyone, particularly if the economics are right. Some local authorities and architects are now specifying that certain products must be recycled, or be capable of being recycled!

**Q – Will Armstrong take any “old” ceilings back?**

A – The offer at the moment only applies to those products outlined under the ‘Armstrong recycling programme’. The reason for this is to continue to guarantee Armstrong product quality. All raw materials need to be controlled and older ceilings may be manufactured from different raw materials or vastly different formulations. These may cause problems of guaranteeing product performance in areas such as Fire or Acoustics.

**Q – It’s going to cost me to put the ceiling on to pallets, will Armstrong pay for that?**

A – No, but Armstrong will pay the transport costs for a full truck load (about 3,000 sq. metres). A study done by Armstrong in the US, showed that the time taken to get the ceilings stripped to a disposal point was not a lot greater than stacking them on pallets; plus you need less skips and have lower waste disposal costs.

**Q – I want to recycle this ceiling but I haven’t got any pallets?**

A – You can order eighteen pallets from Team Valley for £90, and get a credit on your next order when you send them back to the plant, full of material to be recycled. Alternatively, we can put you in contact with your local Armstrong distributor who can arrange pallet delivery.

**Q – How many square metres can I get on a pallet?**

A – The absolute maximum of 15mm material is 200 sq. metres, typically you will get 150 on easily, 180 if you are very neat and a

**Q – How do I get a ceiling recycled?**

A – Contact your local Armstrong Sales Representative; or contact us on 0800 371849 we will arrange an inspection of the material and start discussing transport details and dates.

**Q – Are there any special conditions I need to understand? Waste transfer notes, for instance.**

A – Yes, as mentioned above, there are Armstrong conditions on product age, packaging and transport arrangements, but your Rep. will be pleased to discuss and explain these to you.

**Q – What happens if material is not acceptable and is rejected when it reaches Team Valley?**

A – It remains the responsibility of the owner to arrange removal or disposal, at his cost.

\* valid until 31/12/2004. Please contact us to obtain the current price after this date.

# Armstrong's Recycling Programme in 3 simple steps

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- 1** Provide your Armstrong contact with...
  - The name of project and location
  - Estimated m<sup>2</sup> to be removed
  - Your contractors name and phone number.
  - Date ceiling tiles must be removed
  - Name and quantity of Armstrong ceiling product to be used as replacement

*(We can provide a list of Armstrong Recognised Interior Contractors (AriC) who can undertake removal and installation).*

- 2** Armstrong in conjunction with the appropriate site contact will arrange inspection to confirm acceptability.
  - Material inspection by Armstrong
  - Signing of 'Recycling Agreement'.

- 3** If material is acceptable, Armstrong will coordinate with the site contact and make the appropriate transport arrangements.
  - Transportation arrangements



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