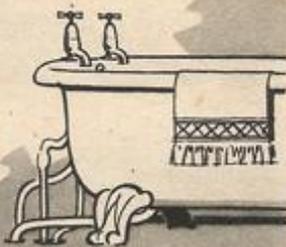
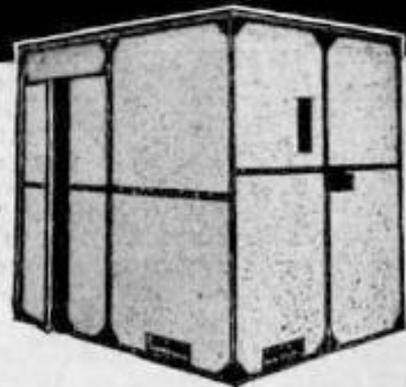


How Asbestolux solved a problem



J-M Transite Asbestos Wood Booths



Absolutely fireproof. Prevent noise of machine from disturbing audience. Cannot become electrically charged or grounded.

J-M Booths conform to all the requirements of state and municipal regulations, insurance authorities and inspection departments wherever ordinances compel the use of a fire-proof booth.

Furnished in portable and permanent types. Write our nearest Branch for "J-M Theatre Necessities" Booklet.

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Poilite Slates have stood the Test of Time for over a quarter of a century.



THE LATEST STEP TOWARDS



THE PERFECT ROOFING . .

What is asbestos?

Asbestos is the name for a group of naturally silicate minerals that can be separated into fibres.

What is asbestos?

The fibres are strong, durable, and resistant to heat and fire. They are also long, thin and flexible, so that they can even be woven into cloth.

Benefits of asbestos

Chrysotile – white

- Added strength and durability
 - Good insulator
 - Fire retardant

Amosite – brown

- High resistance to acids and alkalis
- Excellent sound and heat insulator
 - Fire retardant

Crocidolite – blue

- Great strength
- Resistance to acids and alkalis

Where was it used?

Asbestos has been used in consumer, industrial, maritime, automotive, scientific and building products. This includes uses in commercial and industrial buildings, schools and hospitals.

Where can it be found?

Asbestos was used extensively after the war in building materials including:

- Fire protection of structural steel
- Some paints and textured coating
- Insulating boards used as fire protection on doors, around structural steel, wallboards and ceiling tiles

Where can it be found?

- Asbestos cement used as corrugated roof panels
- Flat asbestos sheets used in partitioning
 - Water tanks, pipes and gutters

Roof and External Walls

- 1 Roof Sheets and Tiles
- 2 Guttering and Drainpipe
- 3 Wall Cladding
- 4 Soffit Boards
- 5 Panel Beneath Window
- 6 Roofing felt and Coating to Metal Wall Cladding

Boiler, Vessels and Pipework

- 7 Lagging on Boiler, pipework, calontier etc
- 8 Damaged Lagging and associated Debris
- 9 Paper Lining under non-asbestos pipe lagging
- 10 Gasket in pipe and vessel joints
- 11 Rope seal on boiler access hatch and between cast iron boiler sections
- 12 Paper lining inside steel boiler casing
- 13 Boiler Flue

Ceilings

- 14 Spray coating to ceilings, walls, beams/columns
- 15 Loose asbestos in ceiling/floor cavity
- 16 Tiles, slats, canopies and firebreaks above ceilings
- 17 Texture coatings and paints

Interior walls and panels

- 18 Loose asbestos inside partition walls
- 19 Partition walls
- 20 Panel beneath window
- 21 Panel lining to lift shaft
- 22 Panelling to vertical and horizontal beams
- 23 Panel behind electrical equipment
- 24 Panel on access hatch to service riser
- 25 Panel Lining service riser and floor
- 26 Heater cupboard around domestic boiler
- 27 Panel behind/under heater
- 28 Panel on, or inside, fire door
- 29 Bath panel

Flooring materials

- 30 Floor tiles, Linoleum and paper backing, lining to suspended floor

Air handling systems

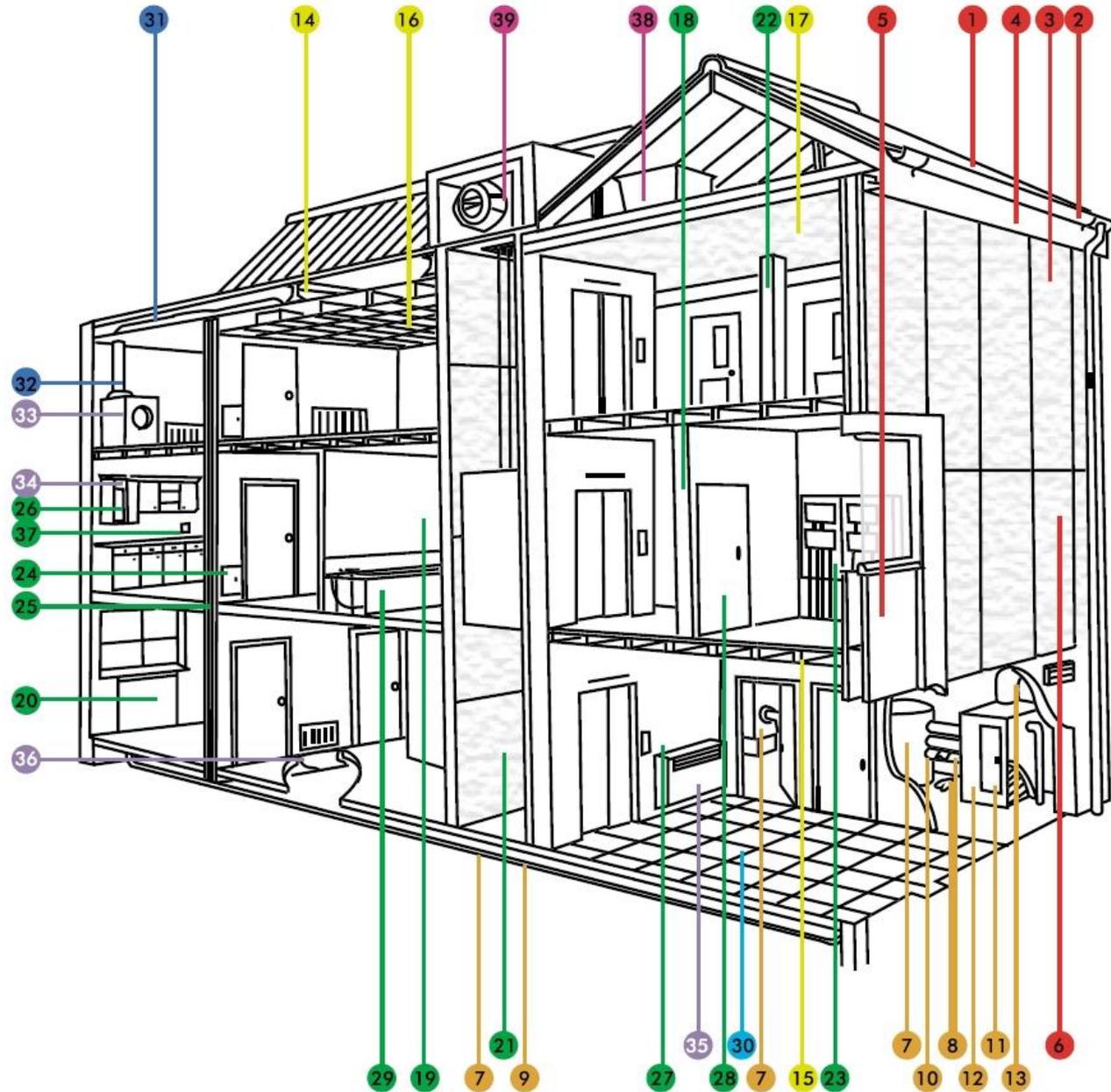
- 31 Lagging
- 32 Gaskets
- 33 Anti-vibration gaiter

Domestic Appliances

- 34 Gaskets, rope seals and panels in domestic boilers
- 35 'Caposil' insulating blocks, panels, paper, string etc in domestic heater
- 36 String seals on radiators

Other

- 37 Fire blanket
- 36 Water tank
- 39 Brake/clutch linings



**This diagram only shows typical locations for materials containing asbestos a full and detailed survey is required to identify all asbestos containing materials*

Asbestos – Built Environment

Until 1999 when it was prohibited 6 million tonnes of asbestos was imported into the UK.

850 thousand tonnes went into commercial buildings, and 400 thousand tonnes into domestic.

Asbestos – Built Environment

Most pre 1985 properties will contain asbestos containing materials.

Asbestos Incidence

Asbestos is likely to be present if the building was constructed or refurbished between 1950 and 1999 and particularly if it also has:

- Steel frame and / or
- Boilers with thermal insulating

Asbestos Exposure

The first cases of asbestosis were noted as early as 1900.

In the past people manufacturing and installing asbestos were those most in danger, and their families due to cross-contamination of clothing.

Realisation

Voluntary Asbestos Import Ban 1970 –

ban of import into the UK of raw blue asbestos – only 3% of total world production

Voluntary Asbestos Import Ban 1980 –

ban of brown asbestos – 2% of world production

The Asbestos Prohibition Regulations 1985 –

banned the import and use of brown and blue asbestos

The Asbestos Prohibition (Amended) Regulations 1999 –

Extended the prohibition of import, supply and use of all asbestos containing materials

Control of Asbestos Regulations 2012

Moving Forward

Maintenance and refurbishment workers are those most likely at risk from asbestos.

Moving Forward

It is important to have management systems and priority risk assessments in place, and all records kept up-to-date.

Moving Forward

A refurbishment / pre-demolition survey may need to be carried out prior to intrusive works

Asbestos Related Deaths

The incubation period can take anything from 10-60 years and is incurable.

Asbestos Related Deaths

In 2007 there were 4,312 Asbestos related deaths (increasing) and could go higher than 5,000 persons per year between now and 2016.

Around 91,000 deaths are predicted to occur by 2050 with around 61,000 of these occurring from 2007 onwards



Twin Towers

When the twin towers collapsed more than 1,000 tonnes of asbestos containing materials were thought to have been released into the air. Inhalation of a mixture of asbestos and other toxicants is thought to be linked to the unusually high death rate of emergency service workers from cancer since the disaster. Those who have died so far being only the tip of the iceberg.