Product: Fire Doors

Product Name	Fire Doors
Product type	Fire Doors
Sub-Product type	
Trading name(s)	
Other name(s)	Safety door, fire barrier door, substation main doors
Product description	By the fire regulation substation entrance and internal doors must be fire rated. Asbestos was widely used in the internal construction or backing of fire doors due to its excellent fire resistance properties. That includes switchroom fire doors (wooden clad) in the form of core insulation, transformer room entrance doors (steel clad) in the form of mastic insulation, interior entrance and connecting fire doors (wooden clad) in the form of core insulation. They are usually painted gray or some other suitable colour to blend with the surroundings. Fire doors can comprise friable asbestos core material within the door which can be released into the air when fixing door handles,locks and hinges. When observed from the top of most fire doors the core invisible,being a white millboard material. Other firedoors can have firbe cement sheet lining the inside of the fire door.
Build element	Fire door
Product identification	

As most of older type of fire doors dont have any labels or distinct markings it is very hard to positively identify asbestos content. The only way to do it is by sampling, but this is a destructive process and hygienists prefer to classify them as: suspected positive or suspected negative, based on their age and appearance. Newer types of fire doors are labelled, which make it easier to identify them as asbestos-free.

Friable asbestos had been positively identified as thecore-insulation material in some substation fire doors such as switch roomfire doors (wooden clad) in the form of core insulation, transformer roomentrance doors (steel clad) in the form of mastic insulation, interior entranceand connecting fire doors (wooden clad) in the form of core insulation.

Known uses	
Asbestos fibre type	
Friable or Non-Friable	Friable
Known Supplier(s)	
Known place of manufacture	
Date / period of manufacture	Pre 1982
Building construction period	1941-1950,1951-1960,1961-1970,1970-1980,1981-1990
Location	**Domestic home** • Bathroom

- Dining room
- Dog kennels
- Fireplace
- Windows / Doors
- Other

Commercial

- Doors

Industrial

- Doors

Other Public Buildings & Apartment Complex

Product images	

img-3196.jpg

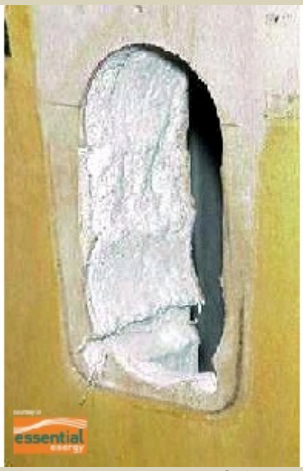
Name	Internal fire door
Caption	Fire door located in a plant room to a commercial sky scraper
Location	Commercial
Source	Safe Environments
Image Id	115

P2170078.jpg

Name	Internal fire door
Caption	Fire door from a block of residential units / apartments
Location	Domestic home
Source	Safe Environements
Image Id	116

Substation Fire Doors 1.jpg

Name	Substation fire door
Caption	Substation fire door with asbestos containing insulation
Location	Plant
Source	Essential Energy
Image Id	317



Substation Fire Doors - 2.jpg

Name	Close Up Substation Fire Door - exposed
Caption	Close up of exposed internal asbestos insulation within fire door.
Location	Plant
Source	Essential Energy
Image Id	318