

Product: Asbestos Cement Conduits

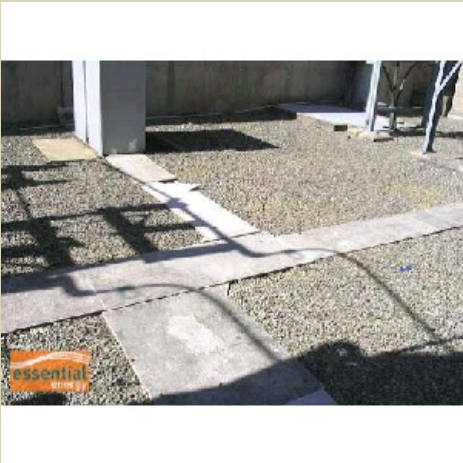
Product Name	Asbestos Cement Conduits
Product type	Cement - sheets, moulded product
Sub-Product type	
Trading name(s)	
Other name(s)	FC conduits, conduits, AC ducts, ducts, cable joint covers, cable trench covers
Product description	<p>Hard, brittle material, usually grey in colour with low asbestos content (up to 30 per cent). Asbestos Cement conduits were mainly used to convey HV and LV cables into and out of substations, buried under road crossings, containing cables inside or being empty, used as spares alongside roads or buried in the footpath. Extensively used in pit and duct system in Sydney CBD. Sometimes concreted in substation slabs. The use of AC conduits was stopped around 1987, from that date FRC (fibre reinforced concrete) has been used.</p> <p>Asbestos has been identified in the fibre-cement material in HV cable joint covers and cable trench covers. Asbestos has also been identified in the moulded cement material in cable conduits. Asbestos may be present in the troughing used to encase joints, both direct buried and in pits.</p> <p>Asbestos cement conduits have been used to install cables and water/drainage services in substations. Fibre cement conduits in the floor adjacent to switchgear and transformers are typically a non-friable asbestos product.</p>
Build element	
Product identification	
<p>Sometimes it is hard to distinguish asbestos cement conduits from cement conduits, the best way is to always take a sample and test. When broken, asbestos-containing conduits will have visible fibres, whereas non-asbestos material will have a clean homogenous break.</p> <p>Asbestos has been identified in the fibre-cement material in HV cable joint covers and cable trench covers. Asbestos has also been identified in the moulded cement material in cable conduits. Asbestos may be present in the troughing used to encase joints, both direct buried and in pits.</p>	
Known uses	Electricity supply
Asbestos fibre type	
Friable or Non-Friable	Non-Friable
Known Supplier(s)	
Known place of manufacture	
Date / period of manufacture	Pre 1987

Building construction period	1951-1960,1961-1970,1970-1980,1981-1990
Location	Commercial <ul style="list-style-type: none"> Electrical Industrial <ul style="list-style-type: none"> Electrical
Product images	



Cable Troughing.jpg

Name	Cable troughing
Caption	Cable troughing
Location	Industrial
Source	Essential Energy
Image Id	242



Trench Covers.jpg

Name	Trench covers
Caption	Trench covers
Location	Industrial
Source	Essential Energy
Image Id	243



Conduit.jpg

Name	Asbestos conduit
Caption	Asbestos cement conduits have been used to install cables and water/drainage services in substations. Fibre cement conduits in the floor adjacent to switchgear and transformers are typically a non-friable asbestos product.
Location	Plant
Source	Essential Energy
Image Id	244



Pit lids.jpg

Name	Cable pit covers
Caption	Cable pit covers inside substations may contain asbestos.
Location	Industrial
Source	Essential Energy
Image Id	245

