

Asbestos-Containing Materials Found in Buildings*

Subdivision	Generic name	Asbestos(%)	Dates of use	Binders/sizing
Surfacing material	troweled-on	1935-1970	sodium silicate,	
sprayed-or	1-95		portland cement,	
Preformed thermal insulating products	batts, blocks, and pipe covering			organic binders
	85% magnesia	15		
	calcium silicate		1926-1949	
Textiles		6-8		magnesium carbonate
	cloth ¹		1949-1971	
	blankets(fire) ¹			calcium silicate
	felts:	100		
	blue stripe	90-95	1910-present	
	red stripe	80	1920-present	none
	green stripe	90	1920-present	cotton/wool
	sheets	95	1920-present	cotton
	cord/rope/yarn ¹	50-95	1920-present	cotton
	tubing	80-100	1920-present	cotton
	tape/strip	80-85	1920-present	cotton/wool
	curtains ¹	90	1920-present	cotton/wool
	(theatre, welding)		1920-present	cotton/wool
Cementitious		60-65		cotton/wool
Concrete-like products	extrusion panels:		1945-present	
	corrugated	8		cotton
	flat	20-45	1965-1977	
	flexible	40-50	1930-present	portland cement
	flexible perforated	30-50	1930-present	portland cement
	laminated	30-50	1930-present	portland cement
	(outer surface)	35-50	1930-present	portland cement
	roof tiles		1930-present	portland cement
	clapboard and shingles:	20-30		portland cement
	clapboard		1930-present	
	siding shingles	12-15		portland cement
	roofing shingles	12-14	1944-1945	
	pipe	20-32	unknown-present	portland cement
Paper products		20-15	unknown-present	portland cement
	corrugated:		1935-present	portland cement
	high temperature			portland cement
	moderate temperature	90		portland cement
	indented	35-70	1935-present	
	millboard	98	1910-present	sodium silicate
		80-85	1935-present	starch
Roofing felts	smooth surface		1925-present	cotton and organic binder
	mineral surface	10-15		starch, lime, clay
	shingles	10-15	1910-present	
	pipeline	1	1910-present	asphalt
		10	1971-1974	asphalt

* The information in this Appendix is taken, with modification, from: Lory EE, Coin DC. February 1981, Management Procedure for Assessment of Friable Asbestos Insulating Material. Port Hueneme, CA: Civil Engineering Laboratory Naval Construction Battalion Center. The U.S. Navy prohibits the use of asbestos-containing materials when acceptable nonasbestos substitutes have been identified.

¹ Laboratory aprons, gloves, cord, rope, fire blankets, and curtains may be common in schools.