

What kinds of building materials may contain asbestos?

Product	Location	% Asbestos	Dates of Use	Binder	Friable/ Nonfriable	How fibers can be released
ROOFING & SIDING						
Roofing felts	Flat, built-up roofs	10-15	1910-present	Asphalt	Nonfriable	Replacing, repairing, demolishing
Roof felt shingles	Roofs	1	1971-1974	Asphalt	Friable	Replacing, demolishing
Roofing shingles	Roofs	20-32	?-present	Portland cement	Nonfriable	Replacing, repairing, demolishing
Roofing tiles	Roofs	20-30	1930-present	Portland cement	Nonfriable	Replacing, repairing, demolishing
Siding shingles	Siding	12-14	?-present	Portland cement	Nonfriable	Replacing, repairing, demolishing
Clapboards	Siding	12-15	1944-1945	Portland cement	Nonfriable	Replacing, repairing, demolishing
WALLS & CEILINGS						
Sprayed coating	Ceilings, walls, and steelwork	1-95	1935-1978	Portland cement, sodium silicate, organic binders	Friable	Water damage, deterioration, impact
Troweled coating	Ceilings, walls	1-95	1936-1978	Portland cement, sodium silicate	Friable	Water damage, deterioration, impact
Asbestos-cement sheet	Near heat sources such as fireplaces, boilers	20-50	1930-present	Portland cement	Nonfriable	Cutting, sanding, scraping
Spackle	Walls, ceilings	3-5	1930-1978	Starch, casein, synthetic resins	Friable	Cutting, sanding, scraping
Joint compounds	Walls, ceilings	3-5	1945-1977	Asphalt	Friable	Cutting, sanding, scraping
Textured paints	Walls, ceilings	4-15	?-1978		Friable	Cutting, sanding, scraping
Millboard, rollboard	Walls, commercial buildings	80-85	1925-?	Starch, lime, clay	Friable	Cutting, demolition
Vinyl wallpaper	Walls	6-8	?		Nonfriable	Removal, sanding, dry scraping, cutting
Insulation board	Walls	30	?	Silicates	Friable	Removal, sanding, dry scraping, cutting
FLOORS						
Vinyl-asbestos tile	Floors	21	1950-1980?	Poly(vinyl)-chloride	Nonfriable	Removal, sanding, dry scraping, cutting
Asphalt-asbestos tiles	Floors	26-33	1920-1980?	Asphalt	Nonfriable	Removal, sanding, dry scraping, cutting
Resilient sheet flooring	Floors	30	1950-1980?	Dry oils	Nonfriable	Removal, sanding, dry scraping, cutting
Mastic adhesives	Sheet flooring and tile backing	5-25	1945-1980?	Asphalt	Friable	Removal, sanding, dry scraping, cutting
PIPES & BOILERS						
Cement pipe and fittings	Water and sewer mains	20-?	1935-present	Portland cement	Nonfriable	Demolition, cutting, removing
Block insulation	Boilers	6-15	1890-1978	Magnesium carbonate, calcium silicate	Friable	Damage, cutting, deterioration
Preformed pipe wrap	Pipes	50	1926-1975	Magnesium carbonate, calcium silicate	Friable	Damage, cutting, deterioration
Corrugated asbestos paper	Pipes, high temp. moderate temp.	90 35-70	1935-1980? 1910-1980?	Sodium silicate, starch	Friable	Damage, cutting, deterioration
Paper tape	Furnaces, steam valves, flanges, electrical wiring	80	1901-1980?	Polymers starches, silicates	Friable	Tearing, deterioration
Putty (mudding)	Plumbing joints	20-100	1900-1973	Clay	Friable	Water damage, cutting, deterioration