

**Composition:**

A heavy duty, non-asbestos fiber cement board composed of cement, limestone and cellulose.

**Sheet Sizes:**

48" x 96" and 48" x 120" in the following thicknesses:  
5/32 1/4 5/16 3/8 (in inches)  
Cut and fabricated to shape.

**Color:**

Gray

**Advantages & Applications:**

Minerit HD boards are extremely well suited to both new buildings and the renovation of old buildings. Heavy Duty is a safe construction material for façades, balconies and footings and for agricultural construction. Heavy Duty's smooth, natural gray and even-quality surface allows effective staining or painting, if desired, but does not require any surface treatment. Heavy Duty is a Finnish product that is made of clean and non-hazardous raw materials. As a Finnish product, Heavy Duty is designed to withstand wear and extreme weather conditions of the north, such as major temperature and air humidity fluctuations. In addition, Heavy Duty boards are non-combustible.

**Specifications:**

Density	105 lbs/ft <sup>3</sup> (961 kg/m <sup>3</sup> )
Maximum operating temperature	250°F (121°C)
Compressive strength	11,600 psi
Normal moisture content	5%
Thermal conductivity	2.1 BTU-in/ft <sup>2</sup> , hr, °F
Modulus of rupture	3200 psi
Modulus of elasticity	1.4 psi x 10 <sup>6</sup>
Tensile strength	
MD	2300 psi
CMD (parallel to surface)	1600 psi
Impact strength	230 lb-ft/ft <sup>2</sup>
Water absorption (oven dry – saturation)	6-18%
Surface burning, Class I	
flame spread	0
smoke developed	0