

ABSTRACT

The present invention provides an electrical steel sheet coated on its surface with a heat resistant
5 adhesive insulative coating enabling adhesive by pressing and heating after stacking and enabling stress relief annealing, a magnetic core using the same, and a method of production of the same, that is, obtains an electrical steel sheet coated by a heat resistant adhesive
10 insulative coating including a resin softening at room temperature to 300°C and a low melting point inorganic composition with a softening point evaluated by the differential thermal analysis method of 1000°C or less. By stacking and pressing together these electrical steel
15 sheets, a bonded and fastened magnetic core able to be subjected to stress relief annealing is obtained.