

WATERPROOF SHEET AND METHOD FOR WATERPROOFING CONSTRUCTION

ABSTRACT

5 A waterproof sheet which comprises a base layer
constituted of a silicone rubber and a pressure-sensitive
adhesive layer superposed thereon and which is for use in
preventing the infiltration of rainwater, etc., characterized
in that the pressure-sensitive adhesive layer is constituted
10 of a cured object of an addition reaction type curable
silicone composition in which the theoretical amount of
crosslinks is 0.005-0.01 mol/g and the ratio of the amount of
SiH groups to the amount of alkenyl groups, SiH/alkenyl, is
0.5-1.1 by mole and which, when cured, has a hardness as
15 measured with a CSR-2 type hardness meter of 3-20. This
waterproof sheet can be used over a long period without
decreasing in physical property, and has waterproofing
properties over a long period. In particular, by delimiting
the hardness and adhesive force of the pressure-sensitive
20 adhesive layer, the waterproof sheet can be made to withstand
long-term use. The waterproof sheet exhibits excellent
durability concerning pressure-sensitive adhesive properties
especially in high-humidity or high-temperature environments.

25 [FIG.1]