

Abstract Submitted
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Attempt to measure adhesive property of particles on building materials by laser shock spallation method MANABU SATOU, Hachinohe Institute of Technology — Adhesive properties of suspended particulate matter on building materials is of interest from a view point of environmental issues. Macroscopic diffusion of the matter in urban area may have some correlation to the adhesive properties. An attempt was carried out to measure the adhesion property of particles by laser shock spallation method. The particles prepared by several conditions of dry and smear showed different behavior of removal by Nd:YAG laser irradiation that created shock wave.

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