

**Evaluation of Methods Suppressing the Chloride Attack to Reinforced Concrete
Structures by Using Chloride Ion Adsorption Material**

Hiroshi UEDA Kiyoshi MIZUNO Motoki UEHARA
Toru IJIMA Yuzuru TAMAI

To evaluate the durability of patch repair materials adopting chloride ion adsorption material used for repairing concrete structures damaged by chloride attack, an effect of suppressing the deterioration by using these materials was investigated based on analysis of the deterioration mechanisms by chloride attack. As a result, the durability of these repair materials against chloride ions located on the surface of the steel bars and penetration of chloride ions was clarified. Further it was found that concrete structures repaired with these materials have not been re deteriorated over ten years.