

## 14. Construction Experiment of Recycled Concrete Using Recycled Aggregate

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Construction experiment of recycled concrete using middle quality recycled aggregate manufactured by the recycled aggregate plant was carried out . The result is shown in the following.

- i .Elased time of fresh concrete of recycled concrete was almost equal to plain concrete by 60 minutes. The application to site construction seems to be practicable in order to deal with elased time after 60 minutes by mix adjustment, when the transportation time to construction site has been grasped beforehand.
- ii .Ccompressive strength of recycled concrete was almost equivalent to plain concrete.
- iii .Workability of recycled concrete was similar to plain concrete, and difference could not be observed to them in the pumping.
- iv .Finished concrete condition of recycled concrete was almost equal to plain concrete.

**Key words :** recycled concrete, recycled aggregate, middle quality , constructi experiment