

5. Conclusion

(3) Test data—the data obtained indicated that the splitting tensile strength is a more effective predictive factor than compressive and flexural strength in determining concrete abrasion erosion resistance to water-borne sand.

- from 140 to 180 kg/m³.
(5) Coarse aggregate—the low strength concrete made with a w/c ratio of 0.50 and coarse aggregate, with a maximum size up to 13 mm, exhibited the concrete abrasion erosion resistance. For high strength concrete, the coarse aggregate
- [1] R. D. Friend, R. N. Maheshwari, Designing guidelines for concrete aggregate, *Concrete International* (May 1995), 58–64.
[2] Harry Andros, J. French, *Using David Edwards' Concrete Handbook*, 2002.