

عنوان مقاله:

Durability of Rock in the Coast of Persian Gulf

محل انتشار:

ششمین کنفرانس بین المللی مهندسی عمران (سال: 1382)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

In this paper it has been shown how not to obey the restrictions presented in some technical standards and how to make commentaries for material used in marine work based on their natures, origins and the process of forming of the stones in a practical context. For these purposes the most relevant parameters for durability of rock are given. The most important one e.g. water absorption, soundness, and porosity are discussed. Site observations and some test results for used stones on the constructed breakwater in the South Pars of Iran are analyzed. From those a guide for rock durability investigation is given. Discussion on the effect of porosity for limestone is carried out and from that some conclusions for allowable water absorption of the stones for use in marine work is draw

کلمات کلیدی:

Durability of rock, water absorption, abrasion, primary porosity

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<https://civilica.com/doc/1183>

