



ZEAL INTERNATIONAL (An ISO 9001 Certified Company)

Head Office: 1, Netaji Subhash Marg Daryaganj, New Delhi - 110002 INDIA

Phone: +91-11-23276114, 23244474, 23250281, 23278846 Fax: +91-11-43580558

Branch Office: 4/20 Kirti Nagar Industrial Area New Delhi - 110015 Phone: +91 11 45380800

Warehouse: 4/26 Kirti Nagar Industrial Area New Delhi – 110015

info@zealinternational.com

sales@zealinternational.com

support@zealinternational.com

quotation@zealinternational.com

Visit us at: www.zealinternational.com

Slake Durability Apparatus ZI 6012

Standards:ASTM D 4644

Specification:

This test method has been developed to assess the deterioration of rocks over a period of time when subjected to water immersion. Slake durability is a simulated weathering test to determine abrasion resistance during wetting and drying cycles of shale and similar soft rocks as used in embankments and other construction-related applications. Samples are alternately tumbled in mesh drums through a water medium and oven-dried for two cycles. The percent loss of mass is referred to as the slake durability index.

The ZI 6012 slake durability apparatus consists of a motorized drive unit which is mounted on a baseplate and which can rotate two or four drums at a speed of 20 r.p.m. The tank assemblies are filled with water to a level 20mm below the drum axis. The test drums are manufactured from 2.00 mm mesh, 140 mm dia. X 100 mm long.

