



Asian Institute of Technology

Geotechnical and Geo-Environmental Laboratory

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School of Engineering and Technology

TEST REPORT

Submitted to : Waterstop Product Co., Ltd.
Project : Quality Check
Test Data : 4 February 2009

Test Results

1. Hardness Test

Sample No.	Type	Surface Hardness Moh's Scale	Remark
1	WATER HARDTOP E	8 to 9	Topaz to Corendum
2	WATER HARDTOP M	7 to 8	Quartz to Topaz
3	WATER HARDTOP N	7 to 8	Quartz to topaz

** Remark
The comparison of the determined parameters with those given in the standard was not part of this investigation.

Checked by: Pitthaya Jamsawang
Mr. Pitthaya Jamsawang
Acting Lab supervisor

Job No. gt09-025





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HARDNESS TEST

Company : Waterstop Product Co., Ltd. **Data** : 4 February 2009
Project : Quality Check **Tested by** : Mr.Patthaya Jamsawang
Checked by : Mr.Pitthaya J./Acting GET Lab Supervisor

General

Hardness is one of the most useful diagnostic properties of a mineral. However, it can be used for rock/concrete surface to know the resistance of that surface to abrasion or scratching. Hardness is determined by rubbing a surface of unknown hardness aga

Hardness 1: Talc	Hardness 6: Orthoclase
Hardness 2: Gypsum	Hardness 7: Quartz
Hardness 3: Calcite	Hardness 8: Topaz
Hardness 4: Fluorite	Hardness 9: Corundum
Hardness 5: Apatite	Hardness 10: Diamond

Specimen Type

The specimen is in the form of concrete slab (10 cm x 10 cm) with one side very smooth, treated and polished, light gray surface.

Results

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Note : -This results certify the adequacy and representative character of the test Samples only.
- Not valid unless signed and sealed.