

REPORT NO: KV-06-07182XA

PAGE NO : 1 OF DATE : NOV. 11, 2006

UFON Nano-Chemical Corp., Ltd.

8F., No. 2, Lane 348, Sec. 2, Jhongshan Rd., Jhonghe City,

Taipei County 235, Taiwan

The following merchandise was submitted and identified by the applicant as:

SAMPLE DESCRIPTION: Crystalline Cementitious Waterproofing Compound

STYLE/ITEM NO. : Pentens T-308

We have tested the submitted sample(s) as requested and the following results were obtained:

TEST ITEM: 1. Hydrostatic Pressure test (Positive)

2. Hydrostatic Pressure test (Negative)

3. Chemical Resistance

TEST RESULT: -PLEASE SEE ATTACHED SHEETS-

SAMPLE RECEIVED DATE: SEP. 11, 2006

SAMPLE TESTED DATE : SEP. 11, 2006~OCT. 30, 2006

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SGS AIWAN

Signed for and on behalf of SGS Taiwan Ltd.

Member of the SGS Group

The value of required specifications are for reference only. Conformity judgement is the Applicant's final verdict.



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Taipei County 235, Taiwan

TEST ITEM: Hydrostatic Pressure test (Positive)

TEST ENVIRONMENTAL CONDITION:

Ambient temprature : 23±2℃

Relative humidity : 50±5%RH

TEST PROCEDURE: 1. Spread samples on testing substrate

2. Conditioning the specimens at standard condition for seven days prior to test

3. Apply 20kgf/cm² (20bar) of hydrostatic pressure on the positive of specimen for 3 hrs

4. Observe the permeability on the negative of specimen after testing

TEST RESULT: Did not observe any water mark on the negative of specimen

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Taipei County 235, Taiwan

<u>TEST ITEM</u>: Hydrostatic Pressure test (Negative)

TEST ENVIRONMENTAL CONDITION:

Ambient temprature ∶ 23±2°C

Relative humidity : 50±5%RH

TEST PROCEDURE: 1. Spread samples on testing substrate

- 2. Conditioning the specimens at standard condition for seven days prior to test
- 3. Apply 20kgf/cm² (20bar) of hydrostatic pressure on the negative of specimen for 3 hrs
- 4. Observe the permeability on the positive of specimen after testing

TEST RESULT: Did not observe any water mark on the positive of specimen

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Taipei County 235, Taiwan

TEST ITEM: Chemical Resistance

TEST ENVIRONMENTAL CONDITION:

Ambient temprature : 23±2°C

Relative humidity : 50±5%RH

TEST METHOD: Refer to ASTM D543-95 (Reapproved 2001) Standard Practices for Evaluating the

Resistance of Plastics to Chemical

Reagents

TEST PROCEDURE: Immersion Test

TEST CONDITION: Room temperature > 7days

TEST RESULT:

Reagent	Test Result
a. Household bleacher (PH=10.6)	No swelling, bubbling, cracking, solubility on the surface of specimen
b. Household disinfectant (PH=9.8)	No swelling, bubbling, cracking, solubility on the surface of specimen
c. Thermal water (PH=4.3)	No swelling, bubbling, cracking, solubility on the surface of specimen
d. Seawater (PH=9.6)	No swelling, bubbling, cracking, solubility on the surface of specimen
e. Sodium Hydroxide solution (5%) (PH=12.8)	No swelling, bubbling, cracking, solubility on the surface of specimen
f. Hydrochloric Acid(3%)(PH=0.1)	No swelling, bubbling, cracking, solubility on the surface of specimen
g. Sulfuric Acid (3%) (PH=0.2)	No swelling, bubbling, cracking, solubility on the surface of specimen

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Member of the SGS Group

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Test sample



Test sample

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