



FILE COPY

April 29, 2005

MIN-TECH Marketing Inc.
Trademark New Group Asia Building Products Inc.
19111 Walden Forest Drive
Humble, TX 77346

Attention: Mr. Terry Lam

Dear Mr. Lam:

Re: Final Report #3063426
Accelerated Weathering Results for NewTech Slate

Intertek Testing Services NA Ltd., (Intertek) has conducted tensile testing, in accordance with ASTM D638, on samples of NewTech Slate, roofing material.

SAMPLE SELECTION

Intertek representative, Chris Bowness, independently sampled a series of NewTech Slate product on August 16, 2004. The product was manufactured at Hong Hao Plastic & Metal Factory, Tang Kou Industrial Park, Shi Shan, Nanhai, Fu Shan City, Guangdong Province, PRC China.

The sample selection process was carried out in accordance with ICC Evaluation Services AC 85 "Acceptance Criteria for Test Reports and Product Sampling" dated July 2003.

METHOD AND RESULTS

Tensile testing was conducted on April 27, 2005. Testing was conducted on "as received" (control) samples and again on samples after exposure to 2,000 hrs. of Xenon Arc Ultraviolet light in accordance with ASTM G 26 and G155.

TABLE 1 - CONTROL SAMPLES

Property	Avg. of 5 tests	Sdev	COV
Break Strength (lbs/in.)	208.6	11.0	5.3 %
Tensile Strength (psi)	1498.3	224.7	15.0 %
% Elongation	52.8	0.1	11.9 %

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TABLE 2 - AFTER 2,000 HRS UV

Property	Avg. of 5 tests	Sdev	COV
Break Strength (lbs/in.)	197.2	11.3	5.7 %
Tensile Strength (psi)	1436.1	72.6	5.1 %
% Elongation	38.4	0.0	9.1 %

OBSERVATIONS

After UV exposure, the samples were examined for the following effects:

Cracking of surface	No cracking observed
Crazing of surface	No crazing observed
Pitting on surface	No pitting observed
Chalking on surface	No chalking observed
Discoloration	No discoloration
Deformation	Samples stretched in direction of hanging due to heat Shape deformation observed due to heat

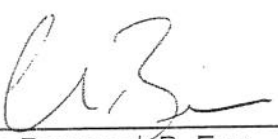
CONCLUSION

Aside from the deformation noted under "OBSERVATIONS", the property changes after 2,000 hours of Xenon Arc exposure are as follows:

Loss in Break strength:	5.5%
Loss in Tensile strength:	4.1%
Loss in Elongation at break:	27.3%

INTERTEK TESTING SERVICES NA LTD.

Reported by: 
Geri Nishio
Technician, Construction Products

Reviewed by: 
Chris Bowness, P. Eng.
Manager, Construction Products

Enclosures

GN/ahvs

Tensile Strength

Client: Min-Tech
 Proj. #: 3063426
 Test std: ASTM D638
 Tech: G. Nishio

Date: April 27/05

Product NewTech Roof Slate

Notes: Crosshead speed= 2.0 ins/min.

Load measured with Artech 500 lb capacity load cell

ITS-S/N 9-0489

Sample size: As per ASTM D638 Table 1 (Type IV)

Control Samples-Before UV

Test sample	Width (inches)	Thickness (inches)	lgth @ brk (inches)	Break load (lbs)	Roof shingle Sample	Brk. Str (lbs/inch)	Tensile (psi)	Elong. (%)
1	0.26	0.16	2.99	51.0	3	193.18	1246.33	49.3%
2	0.26	0.12	3.13	55.3	11	213.10	1718.57	56.4%
3	0.26	0.15	3.02	52.4	12	201.15	1306.18	50.9%
4	0.26	0.15	3.24	57.3	13	217.05	1491.72	61.8%
5	0.26	0.13	2.92	57.4	6	218.67	1728.59	45.8%
Avg						208.63	1498.28	52.8%
Sdev						11.02	224.72	0.06
COV						5.3%	15.0%	11.9%

Samples-After 2,000 hrs Xenon Arc UV Exposure

Test sample	Width (inches)	Thickness (inches)	lgth @ brk (inches)	Break load (lbs)	Roof shingle Sample	Brk. Str (lbs/inch)	Tensile (psi)	Elong. (%)
1	0.27	0.13	2.84	53.1	2UV	197.25	1547.05	41.8%
2	0.27	0.13	2.69	49.9	4UV	184.02	1373.30	34.3%
3	0.27	0.16	2.71	58.5	5UV	215.18	1383.82	35.4%
4	0.27	0.13	2.83	51.5	7UV	193.40	1470.69	41.7%
5	0.27	0.14	2.78	52.4	10UV	196.10	1405.77	39.1%
Avg						197.19	1436.13	38.4%
Sdev						11.32	72.64	0.03
COV						5.7%	5.1%	9.1%
% of control samples						94.5%	95.9%	72.7%

Tested by: 

G. Nishio
 Technologist-Building Products