

Test Report No: CN 08/0138-1

CLIENT'S NAME : PAO LIN CO., LTD.
Tên khách hàng

CLIENT'S ADDRESS : 10 M13 SALADANG, BANGNAMPRIEO, CHACHOENSAO 2400,
Địa chỉ THAILAND

The following sample(s) was/were submitted and identified by the client as:
Các thông tin nhận dạng mẫu do khách hàng cung cấp:

SAMPLE DESCRIPTION / Nhận dạng mẫu:

Name of sample / Tên mẫu : RockTex STONE – SB TYPE
 (CEMENT BASE SOLID STONE VENEER)

Quantity / Số lượng mẫu : 01 sample/mẫu

Date of receiving / Ngày nhận mẫu : Jun 21, 2008

Time of testing / Thời gian thử nghiệm : From/từ Jul 15, 2008 to/đến Jul 29, 2008

Test result / Kết quả thử nghiệm :

Characteristic <i>Tên chỉ tiêu</i>	Test methods <i>Phương pháp thử nghiệm</i>	Test result <i>Kết quả thử nghiệm</i>
1. Dimension of sides <i>Kích thước</i>		
• Length <i>Chiều dài</i> mm	ISO 10545 - 2	598.0
• Width <i>Chiều rộng</i> mm		299.9
2. Thickness <i>Chiều dày</i> mm	ISO 10545 - 2	5.2 to 10.2
3. Weight per unit area <i>Khối lượng đơn vị/diện tích</i> kg/m ²	ASTM C 67- 02	13.8
4. Water absorption <i>Độ hút nước</i> %	ASTM C 67 - 02	4.5
5. Depth abrasion (**) <i>Độ mài mòn sâu</i> mm ³	Ref. ISO 10545 – 6 : 1995	947
• Length of the groove <i>Chiều dài rãnh mài</i> mm		38.3

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Test Report No: CN 08/0138-1

Characteristic <i>Tên chỉ tiêu</i>	Test methods <i>Phương pháp thử nghiệm</i>	Test result <i>Kết quả thử nghiệm</i>
6. Resistance to thermal shock (Thermal Properties) <i>Độ bền sốc nhiệt</i>	ISO 10545 – 9 : 1994	Not effect <i>Không ảnh hưởng</i>
7. Tensile strength <i>Cường độ kéo</i> MPa	Ref. ASTM D 638 - 03	3.1
8. Arsenic content (As) (**) <i>Hàm lượng arsen</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 10 <i>Nhỏ hơn 10</i>
9. Cadmium content (Cd) (**) <i>Hàm lượng cadmium</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 1 <i>Nhỏ hơn 1</i>
10. Chromium content (Cr) (**) <i>Hàm lượng crôm</i>	Ref. AOAC 2006 (990.08) - ICP	71
11. Copper content (Cu) (**) <i>Hàm lượng đồng</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 1 <i>Nhỏ hơn 1</i>
12. Mercury content (Hg) (**) <i>Hàm lượng thủy ngân</i>	Ref. AOAC 2006 (971.21)	Less than 0.5 <i>Nhỏ hơn 0.5</i>
13. Lead content (Pb) (**) <i>Hàm lượng chì</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 1 <i>Nhỏ hơn 1</i>
14. Nickel content (Ni) (**) <i>Hàm lượng niken</i>	Ref. AOAC 2006 (990.08) - ICP	19
15. Zinc content (Zn) (**) <i>Hàm lượng kẽm</i>	Ref. AOAC 2006 (990.08) - ICP	11

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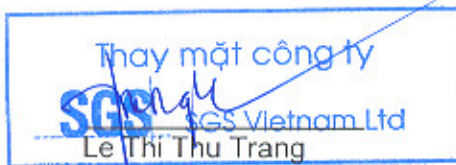


Note : (*) The test was accredited ISO 17025:2005 by VILAS/ *Chỉ tiêu được công nhận ISO 17025:2005 bởi VILAS*
ILAC : International Laboratory Accreditation / *Tổ chức hợp tác công nhận Phòng thử nghiệm quốc tế*
MRA : Mutual Recognition Arrangement / *Thỏa ước thừa nhận lẫn nhau*
ILAC-MRA -VILAS : VILAS is The full member and signatory of Multial Recognition Arrangement with
International Laboratory Accreditation / *VILAS là Thành viên đầy đủ và ký thỏa ước thừa nhận lẫn nhau với*
tổ chức công nhận phòng thử nghiệm quốc tế.

(**) The test will be performed by SGS Vietnam's Subcontract Lab

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Signed for and on behalf of
SGS Vietnam LTD



Construction Material Laboratory Section Head

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Test Report No: CN 08/0138-2

CLIENT'S NAME : PAO LIN CO., LTD.
Tên khách hàng

CLIENT'S ADDRESS : 10 M13 SALADANG, BANGNAMPRIEO, CHACHOENSAO 2400,
Địa chỉ THAILAND

The following sample(s) was/were submitted and identified by the client as:
Các thông tin nhận dạng mẫu do khách hàng cung cấp:

SAMPLE DESCRIPTION / Nhận dạng mẫu:

Name of sample / Tên mẫu : RockTex STONE – FX TYPE
(RESIN BASE FLEXIBLE STONE VENEER)

Quantity / Số lượng mẫu : 01 sample/mẫu

Date of receiving / Ngày nhận mẫu : Jun 21, 2008

Time of testing / Thời gian thử nghiệm : From/từ Jul 15, 2008 to/đến Jul 29, 2008

Test result / Kết quả thử nghiệm :

Characteristic <i>Tên chỉ tiêu</i>	Test methods <i>Phương pháp thử nghiệm</i>	Test result <i>Kết quả thử nghiệm</i>
1. Dimension of sides <i>Kích thước</i>		
• Length mm <i>Chiều dài</i>	ISO 10545 - 2	598.2
• Width mm <i>Chiều rộng</i>		395.8
2. Thickness mm <i>Chiều dày</i>	ISO 10545 - 2	2.1 to 3.2
3. Weight per unit area kg/m ² <i>Khối lượng đơn vị/điện tích</i>	ASTM C 67- 02	4.42
4. Water absorption % <i>Độ hút nước</i>	ASTM C 67 - 02	7.8

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Characteristic <i>Tên chỉ tiêu</i>	Test methods <i>Phương pháp thử nghiệm</i>	Test result <i>Kết quả thử nghiệm</i>
5. Resistance to thermal shock (Thermal Properties) <i>Độ bền sốc nhiệt</i>	ISO 10545 – 9 : 1994	Not effect <i>Không ảnh hưởng</i>
6. Tensile strength <i>Cường độ kéo</i> MPa	Ref. ASTM D 638 -03	1.3
7. Arsenic content (As) (**) <i>Hàm lượng arsen</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 10 <i>Nhỏ hơn 10</i>
8. Cadmium content (Cd) (**) <i>Hàm lượng cadmium</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 1 <i>Nhỏ hơn 1</i>
9. Chromium content (Cr) (**) <i>Hàm lượng crôm</i>	Ref. AOAC 2006 (990.08) - ICP	75
10. Copper content (Cu) (**) <i>Hàm lượng đồng</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 1 <i>Nhỏ hơn 1</i>
11. Mercury content (Hg) (**) <i>Hàm lượng thủy ngân</i>	Ref. AOAC 2006 (971.21)	Less than 0.5 <i>Nhỏ hơn 0.5</i>
12. Lead content (Pb) (**) <i>Hàm lượng chì</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 1 <i>Nhỏ hơn 1</i>
13. Nickel content (Ni) (**) <i>Hàm lượng niken</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 5 <i>Nhỏ hơn 5</i>
14. Zinc content (Zn) (**) <i>Hàm lượng kẽm</i>	Ref. AOAC 2006 (990.08) - ICP	Less than 1 <i>Nhỏ hơn 1</i>

Thuy My

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ILAC : International Laboratory Accreditation / Tổ chức hợp tác công nhận Phòng thử nghiệm quốc tế
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tổ chức công nhận phòng thử nghiệm quốc tế.

(**) The test will be performed by SGS Vietnam's Subcontract Lab

★★★ END OF THE REPORT ★★★

Signed for and on behalf of
SGS Vietnam LTD

Thay mặt công ty

SGS Vietnam Ltd
Le Thi Thu Trang

Construction Material Laboratory Section Head

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Test Report No: CN 08/0138-3

CLIENT'S NAME : PAO LIN CO., LTD.
Tên khách hàng

CLIENT'S ADDRESS : 10 M13 SALADANG, BANGNAMPRIEO, CHACHOENSAO 2400,
Địa chỉ THAILAND

The following sample(s) was/were submitted and identified by the client as:
Các thông tin nhận dạng mẫu do khách hàng cung cấp:

SAMPLE DESCRIPTION / Nhận dạng mẫu:

Name of sample / Tên mẫu : BONDING AGENT Ad-05
Quantity / Số lượng mẫu : 01 sample/mẫu
Date of receiving / Ngày nhận mẫu : Jun 21, 2008
Time of testing / Thời gian thử nghiệm : From/từ Jul 15, 2008 to/đến Jul 29, 2008
Test result / Kết quả thử nghiệm :

Characteristic <i>Tên chỉ tiêu</i>	Test methods <i>Phương pháp thử nghiệm</i>	Test result <i>Kết quả thử nghiệm</i>
1. Density (**) <i>Khối lượng thể tích</i> g/cm ³	Ref. ASTM C 188 - 95	1.27
2. Adhesive strength (**) <i>Cường độ bám dính</i> MPa	ASTM D 4541 - 02	0.21
• Type of failure <i>Loại phá hủy</i>		Adhesion failure between the concrete substrate and bonding agent / Vị trí bắt đầu phá hủy xảy ra giữa lớp bê tông và lớp vật liệu phủ

Note : (*) The test was accredited ISO 17025:2005 by VILAS/Chỉ tiêu được công nhận ISO 17025:2005 bởi VILAS
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(**) The test will be performed by SGS Vietnam's Subcontract Lab

*** END OF THE REPORT ***

Signed for and on behalf of

SGS Vietnam LTD

Thay mặt công ty


SGS Vietnam Ltd

Le Thi Thu Trang

Construction Material Laboratory Section Head

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037525

Test Report No: CN 08/0138-4

CLIENT'S NAME : PAO LIN CO., LTD.
Tên khách hàng

CLIENT'S ADDRESS : 10 M13 SALADANG, BANGNAMPRIEO, CHACHOENSAO 2400,
Địa chỉ THAILAND

The following sample(s) was/were submitted and identified by the client as:
Các thông tin nhận dạng mẫu do khách hàng cung cấp:

SAMPLE DESCRIPTION / Nhận dạng mẫu:

Name of sample / Tên mẫu : JOINT FILLER
Quantity / Số lượng mẫu : 01 sample/mẫu
Date of receiving / Ngày nhận mẫu : Jun 21, 2008
Time of testing / Thời gian thử nghiệm : From/từ Jul 15, 2008 to/đến Jul 29, 2008
Test result / Kết quả thử nghiệm :

Characteristic <i>Tên chỉ tiêu</i>	Test methods <i>Phương pháp thử nghiệm</i>	Test result <i>Kết quả thử nghiệm</i>
1. Compacted bulk density kg/m^3 <i>Khối lượng thể tích xấp lên chặt</i>	TCVN 7239 : 2003	1160
2. Uncompacted bulk density kg/m^3 <i>Khối lượng thể tích xấp không lên chặt</i>	TCVN 7239 : 2003	950
3. Mass density (*) g/cm^3 <i>Khối lượng riêng</i>	ASTM C 188 - 95	2.17

Note : (*) The test was accredited ISO 17025:2005 by VILAS/Chỉ tiêu được công nhận ISO 17025:2005 bởi VILAS
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 tổ chức công nhận phòng thử nghiệm quốc tế.

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Signed for and on behalf of
SGS Vietnam LTD
Thay mặt công ty


Le Thi Thu Trang
 Construction Material Laboratory Section Head

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