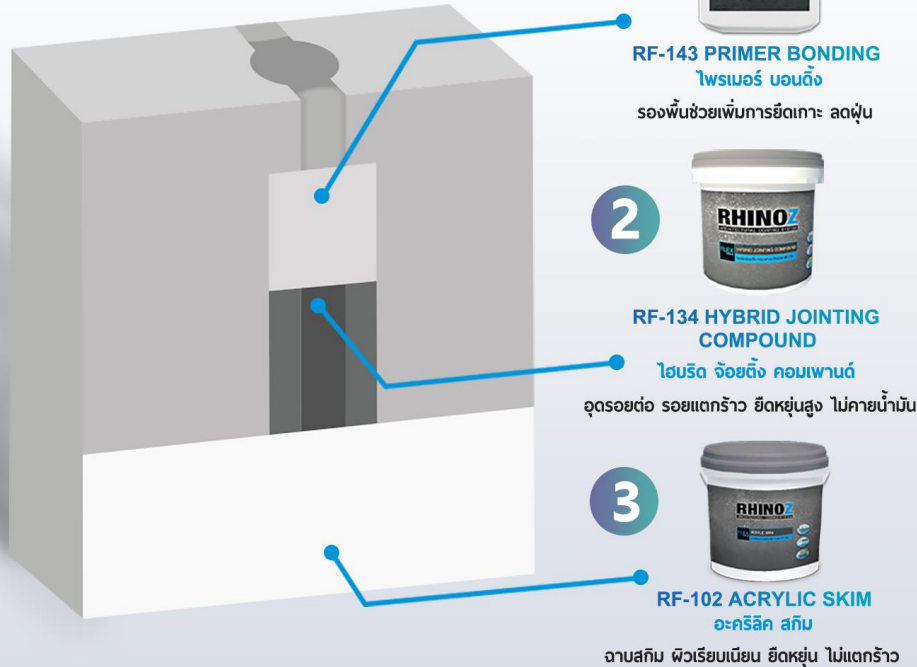


Giải pháp keo trám khe tấm tường cải tiến

- (1) Sơn lót RF143
- (2) Keo trám RF134
- (3) Vữa bả dẻo RF102



ภาพใช้เพื่อประกอบแสดงลำดับการใช้งาน

RHINOZ
ARCHITECTURAL COATING SYSTEM

RHINOZ
INTERNATIONAL

Ủy quyền phân phối bởi:

VTS
Vina Trade Synergy

Tổng kho: BT7-16, KĐT Văn Khê, Hà Đông, HN

T.0382241661 | E.sales@vinats.com

www.vinats.com

Giải pháp keo trám khe tấm tường đúc sẵn toàn diện cho hệ vách lắp ghép



Hệ vách lắp ghép là gì?



Tấm Fiber Cement
Board, Cement Board,
thạch cao



Tấm bê tông nhẹ (ALC)



Tấm bê tông đúc sẵn
(Acotec)

Bộ sản phẩm keo trám khe tấm tường RHINOZ

Sản phẩm	Gốc	Ứng dụng
Keo trám khe đàn hồi thể hệ 1 RF-103 (thể hệ 1) Vữa xi măng RHINOZ	2 thành phần Cement + Acrylic	• Khe nối tấm xi măng • Khe nối tấm cerm board
Keo trám khe đàn hồi thể hệ 2 RF-134 RHINOZ Hybrid Jointing Compound	2 thành phần Epoxy + PU	• Khe nối rộng • Bê tông đúc sẵn • Khe nối giữa các vật liệu khác nhau
RF-239 RHINOZ Hybrid FX-55	2 thành phần Epoxy + PU	• Mối nối tấm tường bê tông nhẹ

1. Vữa xi măng chuyên dụng RF-103

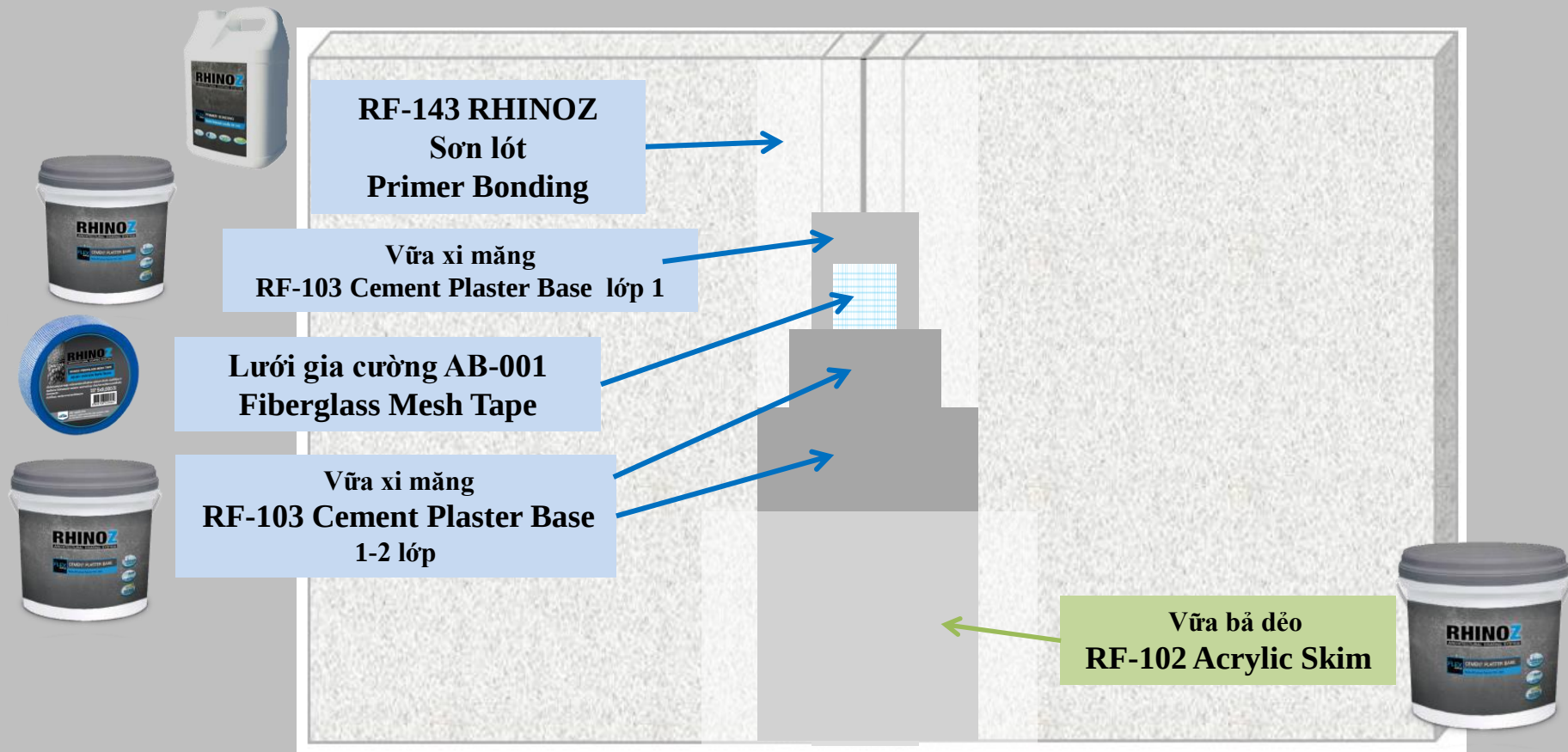


1. Vữa xi măng chuyên dụng RF-103

- 2 thành phần: Cement + Acrylic
- *Độ đàn hồi cao* – không bị nứt
- Bám dính tốt
- Kháng tia UV và kháng ẩm tốt, có thể dùng cho ngoài trời
- Cho phép sơn phủ
- Tạo bề mặt hoàn thiện đẹp



1. Vữa xi măng RF-103



1. Vữa xi măng chuyên dụng RF-103 Cement Plaster Base

Ứng dụng



2. Keo trám khe cải tiến RF-134 RHINOZ Hybrid Jointing Compound



0%

Zero Defect



2. Keo trám khe đàn hồi cải tiến

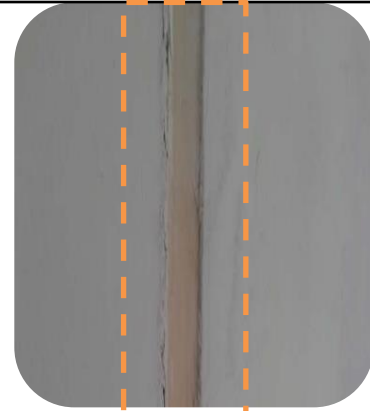
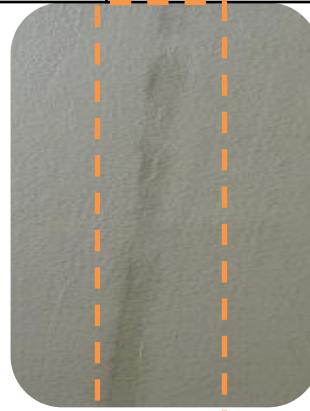
RF-134 RHINOZ Hybrid Jointing Compound



Beginning of ‘Hybrid’

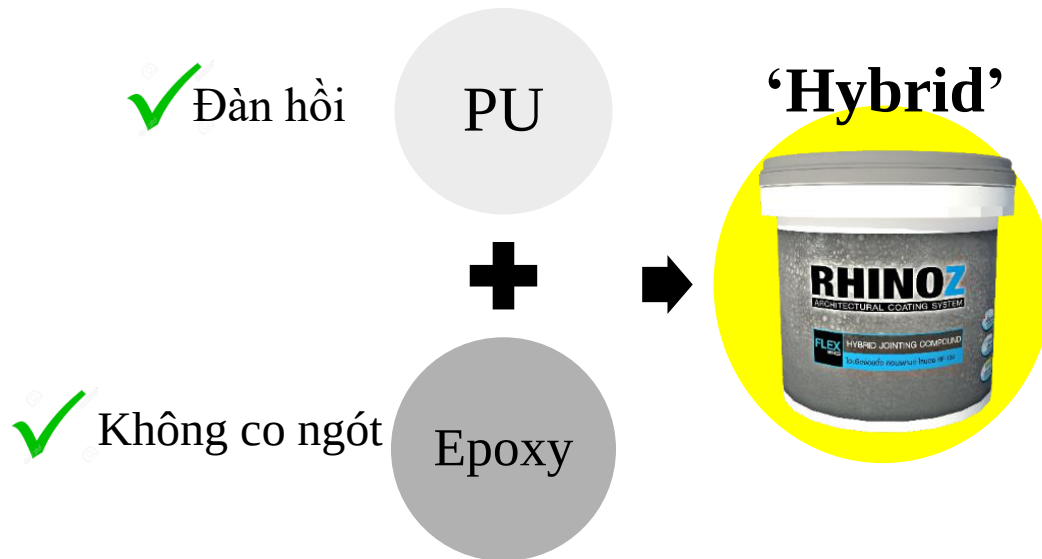
Nhược điểm của keo trám khe truyền thống

Keo PU sealant	Keo Epoxy	Keo MS
Đàn hồi nhưng bị co ngót / không phù hợp với khu vực ẩm ướt	Bền nhưng giòn, dễ nứt	Không co ngót nhưng không thể trà nhám và hoàn thiện phẳng bề mặt, khó đạt bề mặt thẩm mỹ



2. Keo trám khe cải tiến RF-134

💡-Beginning of 'Hybrid'



2. Keo trám khe cải tiến RF-134

**“Zero defect
Innovation”**



- *Epoxy modified PU*
- Phù hợp cho khe nối rộng, sâu
- Chịu rung chấn, chuyển vị
- Không co ngót
- Có thể chà nhám, bề mặt nhẵn, không bị nứt
- Độ đàn hồi cao



2. Keo trám khe cải tiến RF-134



Không hấp thụ nước



Đóng rắn sau 24 giờ



Phù hợp cho khe nối giữa các vật liệu khác nhau



2. Keo trám khe cải tiến RF-134

RHINOZ[®]



Phù hợp cho khe nối sâu và rộng (đến 10 cm!)

2. Keo trám khe cải tiến RF-134

Thermal Cycle Testing

Testing of damage after weathering



Thailand

✓ Passed **6 years** without damage



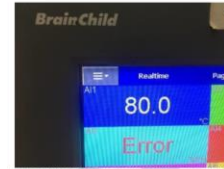
Thermal cycle test setup



Temperature monitoring during storage@35°C



Temperature and humidity monitoring during storage@50°C, 95%RH



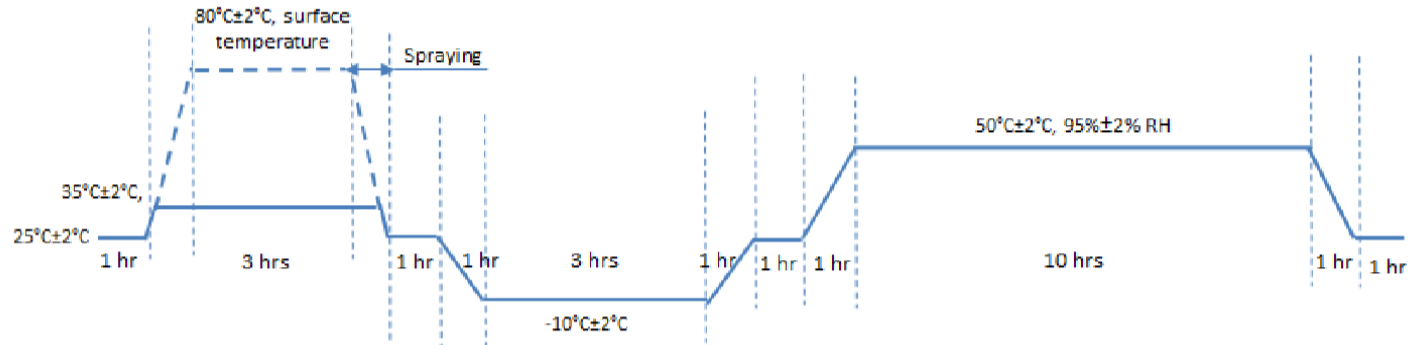
Temperature surface monitoring during storage@80°C



Temperature monitoring during storage@-10°C



Spraying surface sample setup



2. Keo trám khe cải tiến RF-134

Vacuum Leak Test

Testing of mocking condition of 100 floors building, by putting vacuum pressure and spray water

✓ Passed the Vacuum Leak Test

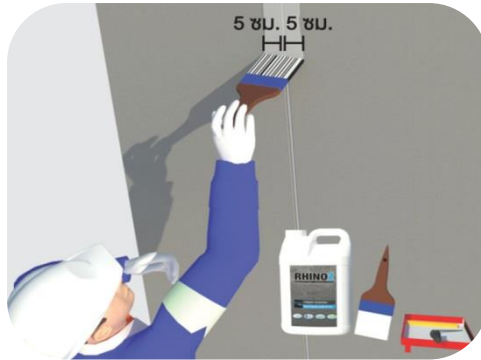


2. Keo trám khe cải tiến RF-134

Các bước thi công



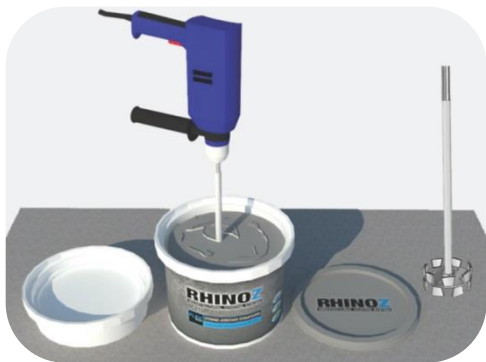
Vệ sinh bề mặt



Thi công sơn lót



Trộn thành A với B



Mix A & B part

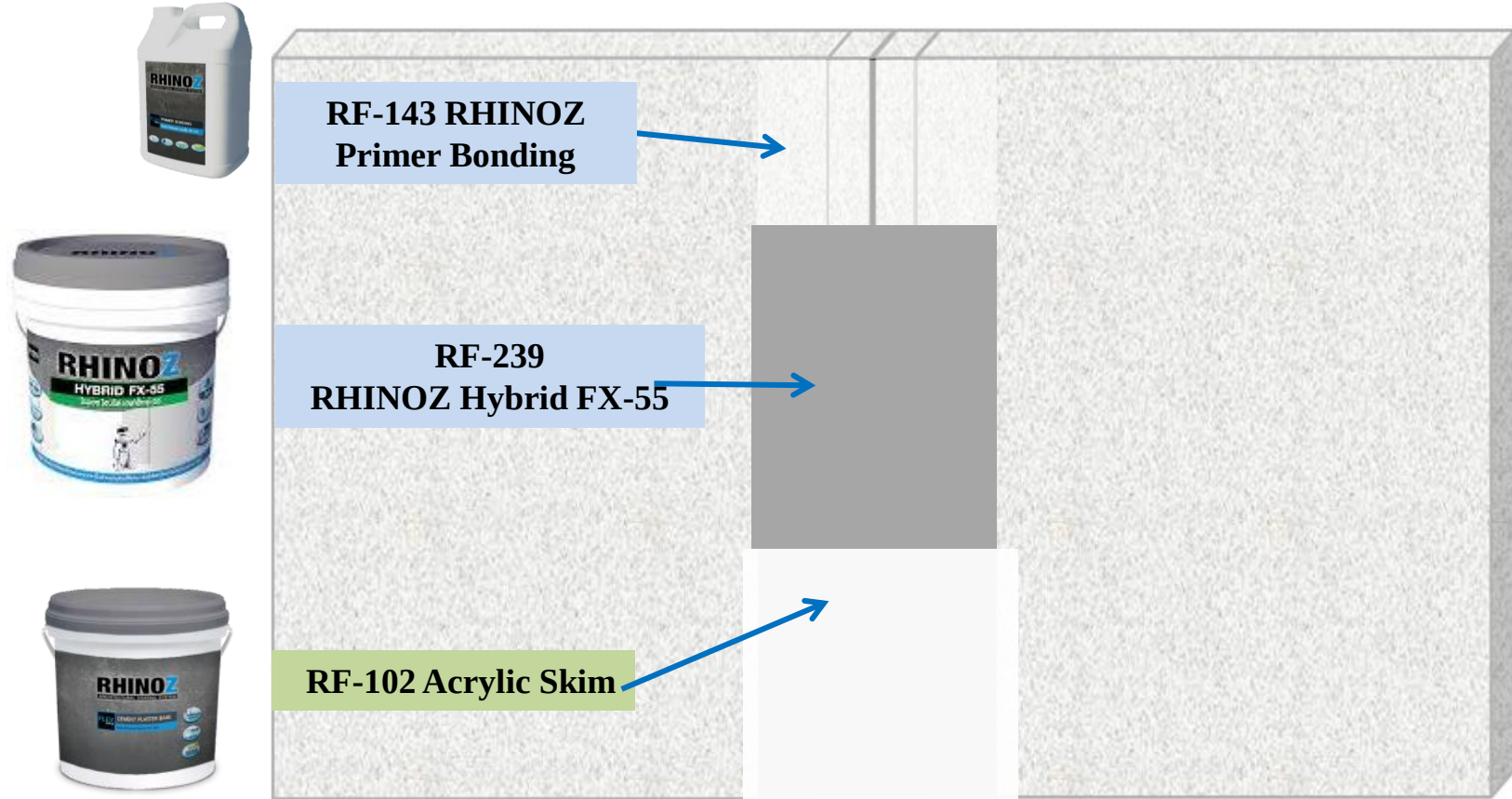


Trám keo vào khe nối



Chờ khô 24 giờ, chà nhám và bả dẻo

3. RF-239 RHINOZ Hybrid FX-55



Bloom Initiative Zero Defect

RF-134 : RHINOZ Hybrid Jointing Compound



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INNOVATIVE WALL SOLUTION

Project Start Up

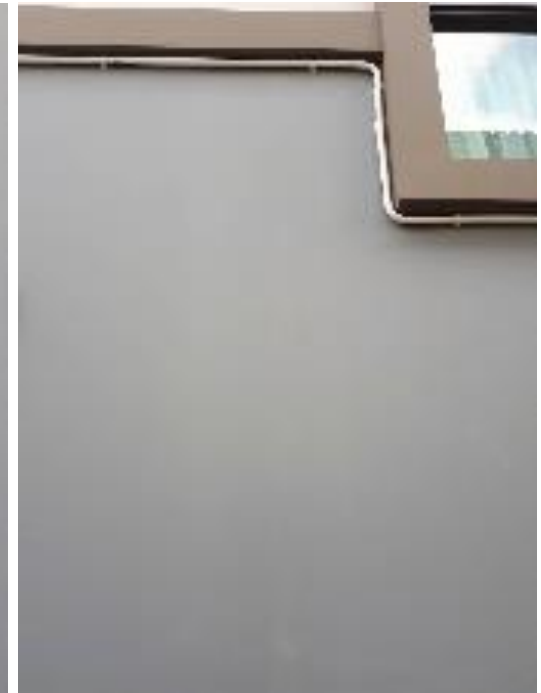


Bloom Initiative Zero Defect

RF-134 : RHINOZ Hybrid Jointing Compound

On site test for more than 3 year and found no defect

Started testing on 5 June 2017



➤ PS66 No. 98/187

Duration : 3 years +

Result : Joint Precast

No defect found



SCG RHINOZ®
INNOVATIVE WALL SOLUTION

ýð ≤ 0.05 Hybrid Epoxy



 สร้าง MAT CODE เพื่อขึ้นทะเบียนของทาง PCCons ทั้งโครงการ

LOT1	Aug 18	= 25 Units	LOT7	Feb 19	= 32 Units
LOT2	Sep 18	= 25 Units	LOT8	Mar 19	= 32 Units
LOT3	Oct 18	= 20 Units	LOT9	Apr 19	= 32 Units
LOT4	Nov 18	= 32 Units	Sum	= 262 Units	
LOT5	Dec 18	= 32 Units			
LOT6	Jan 19	= 32 Units			

นางสาวกัญญาพร ขวัญเมือง

NUMBER	NAME
1	...
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5	...
6	...
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Implementation of Hybrid Jointing Compound



PRUKSA



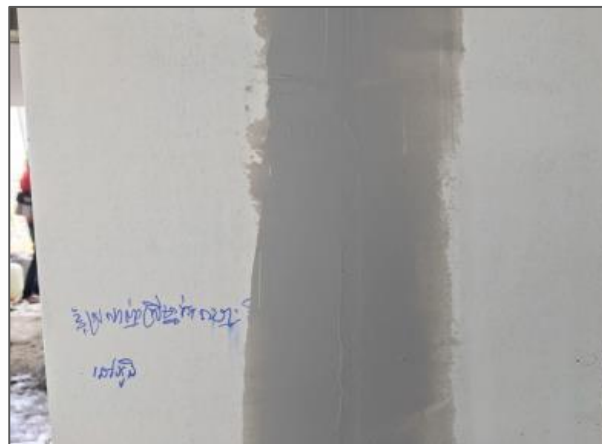
SCG RHINOZ
INNOVATIVE WALL SOLUTION

Pilot Implement at PK125 E4 by PC Cons and Training for contractor



**RF-134
RHINOZ**

**Hybrid Jointing
Compound**



Implementation of Hybrid Jointing Compound

Testing Report Data of Pruksha

Testing on New Joint at PK125 (Fully Precast)

ITEM	Old Joint (Roof Seal Process)	New Joint 2018	Remark
Quality	- Shrinkage - Air cure	- No shrinkage - Cure by chemical	Hybrid passed 3 years TUV test
Process	4 steps (1)apply PU (2)rendering PU (3)Apply Acrylic (4)Apply WP	Easy and 1 step	Improve 75%
Cycle Time	5 days / Block	4 days / Block	Improve 20%

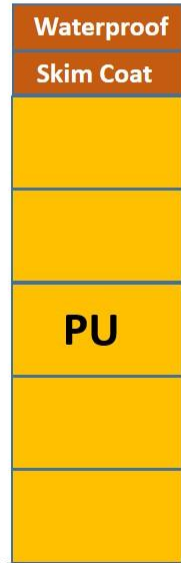
***price depend on house structure and details.

TRADITIONAL JOINT SOLUTION

COST New Joint VS Renovation Process



SCG RHINOZ
INNOVATIVE WALL SOLUTION



After 2-3 Years



เตรียมพื้นผิว/เจียร



**ZERO
DEFECT**



New Joint Process

Renovate Process

Another real case study that using XXX brand of Polyurethane product to seal the joint. After sometime, it started to release solvent and peeling off



RF-134 : RHINOZ Hybrid Jointing Compound



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RHINOZ®

RHINOZ Hybrid Jointing Compound win in the process innovation category

[illegible]

Site References- Thailand

Many land developers and projects choose Hybrid Jointing Compound



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



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INNOVATIVE WALL SOLUTION



ลักษณะโครงการ	ชื่อโครงการ	ปริมาณ	หน่วย
ทาวน์เฮาส์	บ้านพัก PK125 (ลาดกระบัง - สุวรรณภูมิ)	400	unit



หลักสูตร งานฉาบรอยต่อผนัง Hybrid Joint Compound

โครงการ	สถานที่
พฤษาวิลล์97 (PKV97)	วงแหวน-อ่อนนุช
เดอะคอนเนค 52 (CN52)	บางนา-สุวรรณภูมิ
พาทีโอ (PO0010)	ศรีนครินทร์-พระราม9
พฤษาวิลล์114 (PKV114)	ศรีนครินทร์ - ร่มเกล้า
พฤษา127 (PK127)	พระราม2
พฤษา128 (PK128)	วัดใหญ่
พฤษา117 (PK117)	เพชรเกษม91
พฤษาวิลล์114 (PKV114)	ศรีนครินทร์ - ร่มเกล้า
พฤษา106/2 (PK106/2)	บางปู-ด่านุ
พฤษา131 (PK131)	รังสิต-วงแหวน
พฤษา123 (PK123)	เอราวัณ
พฤษา144 (PK144)	รังสิต-บางพูน3
พฤษาวิลล์113 (PKV113)	ติวานนท์-เขนกลาง
พฤษา132 (PK132)	ลำลูกกา-วงแหวน
พฤษา107 (PK107)	ติวานนท์-รังสิต
พฤษา130 (PK130)	หนองจอก-สุรินทร์
พฤษา121 (PK121)	สหพัฒน์-แหลมฉบัง

Reference

RF-134 : RHINOZ Hybrid Jointing Compound



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INNOVATIVE WALL SOLUTION

Sansiri Square Charoenkrung 80

"คิดเรื่องอยู่"



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

Sansiri Square Charoenkrung 80



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



Siri Avenue Phetkasem 81



After 8 month : no crack



Reference

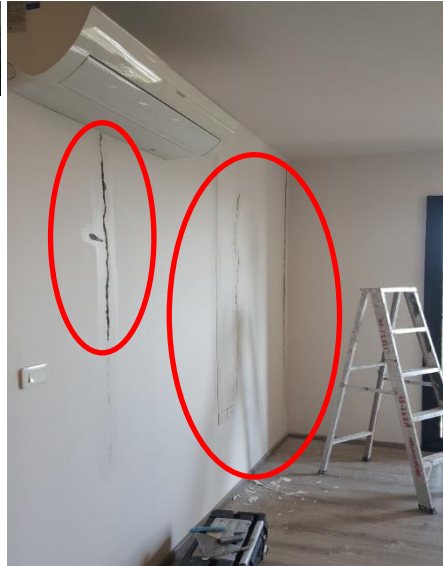
RF-134 : RHINOZ Hybrid Jointing Compound

เดอะเบส โฮท์
มิตรภาพ - ขอนแก่น


SANSIRI

THE
BASE

THE BASE (Khon Kaen)



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



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INNOVATIVE WALL SOLUTION

**Baan Nab Kluen Condominium
Huahin**

from 10-
5-18



Fixing with RF-134 RHINOZ
Hybrid Jointing Compound



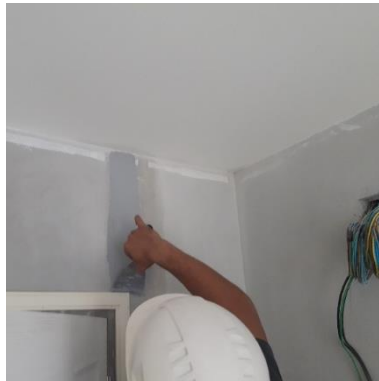
top with RF-
102

Reference

RF-134 : RHINOZ Hybrid Jointing Compound



**dcondo Campus
Kamphaeng Sean**



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

THE BASE Rama 9

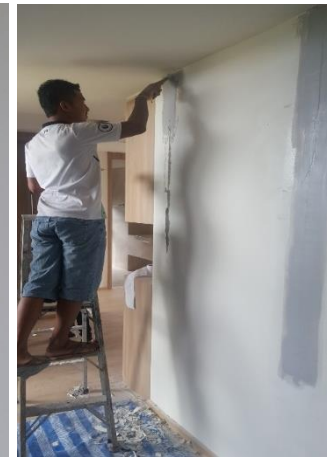


Reference

RF-134 : RHINOZ Hybrid Jointing Compound



BANN MAI KHAO Phuket

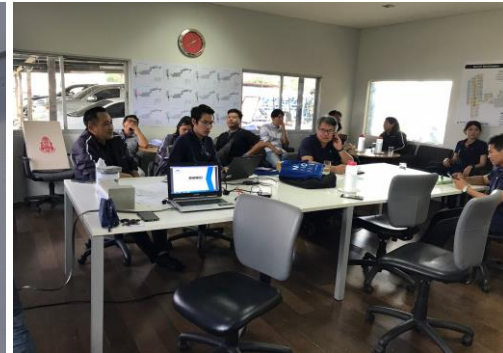


Reference

RF-134 : RHINOZ Hybrid Jointing Compound



BURASIRI WATCHARAPOL



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

ICON Siam (Residence)



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



ITALIAN-THAI



SCG RHINOZ
INNOVATIVE WALL SOLUTION

Government Residence Project @ Din Daeng community area

โครงการฟื้นฟูเมือง ชุมชนดินแดง

Unit G



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

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INNOVATIVE WALL SOLUTION

Pruksa Precast Factory (Lum look ka Khlong 4)



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



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INNOVATIVE WALL SOLUTION



Portable Toilet

ชื่อโครงการ	ปริมาณ	หน่วย
The Plum รามคำแหง 60	960	ตู้
Privacy พระราม 9 รามคำแหง	901	ตู้
The Plum แจ้งวัฒนะ เฟส4	1,173	ตู้
The Plum Park Rangsit เฟส4	1,000	ตู้
The Plum Park Rangsit เฟส5	1,000	ตู้
The Plum 2019	700	ตู้
โครงการใหม่ 3 โครงการปี2019	1,500	ตู้



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



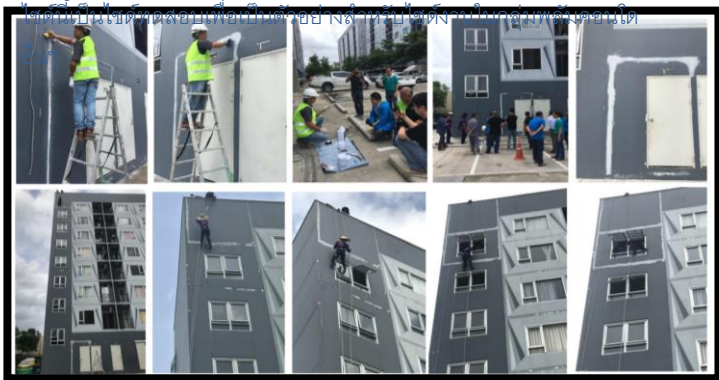
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INNOVATIVE WALL SOLUTION

RENOVATE CONDO

The Plum Rama 2



Renovation projects on external joints For The Plum series

1	The Plum พระรามสอง (รอผล) 8ชั้น 2อาคาร
2	The Plum ปิ่นเกล้า
3	The Plum รามคำแหง-สลดชั้น Condo26 ชั้น 1 อาคาร
4	The Plum แจ้งวัฒนะ Condo 8 ชั้น 2 อาคาร
5	The Plum เขินทรล เวสเกต Condo 36 ชั้น 2 อาคาร
6	The Plum แหลมฉบัง
7	The Plum บางใหญ่
8	The Plum รังสิต
9	The Plum งามวงศ์วาน
10	The Plum ประชาอุทิศ



The Plum Pinklao



The Plum



The Plum Cwv



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

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INNOVATIVE WALL SOLUTION

**The PLUM Condo Cheangwattana 2
Renovation on precast joint, 4-5
cm width.**



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



PRUKSA



SCG RHINOZ
INNOVATIVE WALL SOLUTION

NEW CONDOMINIUM

The PRIVACY

RAMA9



REVIEW | **THE PRIVACY**
RAMA 9



Hybrid Jointing compound on external joints

The Plum Ram 60 condo 8 ชั้น 8 อาคาร	18,000	m
Privacy พระราม 9 Condo 30 ชั้น 1อาคาร	20,000	m

The Plum Condo

RAM 60



REVIEW | **plum condo** Plum Condo
Ram 60 Interchange

Reference

RF-134 : RHINOZ Hybrid Jointing Compound



SCG RHINOZ
INNOVATIVE WALL
SOLUTION

THE PAVE วงแหวน-รามอินทรา

SC ASSET



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



SCG RHINOZ
INNOVATIVE WALL SOLUTION



THE PAVE Motor way Chacheongsao

SC ASSET



Product training and mock up on site at Chuan-chuen project

โครงการบ้านโครงการชวนชื่นทาวน์



Date 2-11-18



Product training and mock up on site at Chuan-chuen project

โครงการบ้านโครงการชนชั้นทาวน์



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



HYDE Sukhumvit 11



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

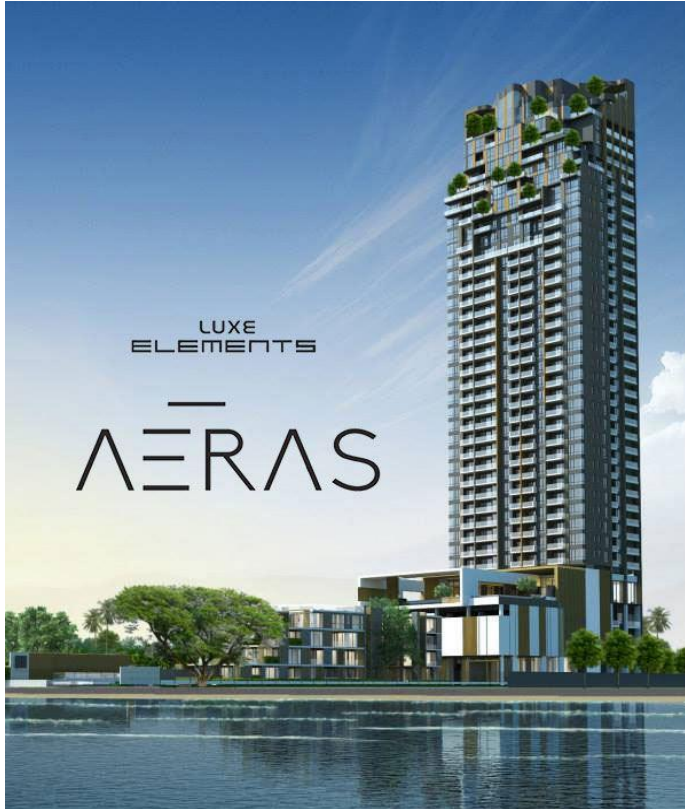
SKYLINE Condominium Rattana Thibet



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

AERAS Condominium Pattaya



RIVIERA Wongamat Pattaya



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



The Niche @Seri Thai



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



The Niche @Seri Tha



Reference

RF-134 : RHINOZ Hybrid Jointing Compound

The Surf House @ Patong



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



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INNOVATIVE WALL SOLUTION



PARK CONDO DREAM Nakhonsawan

บริษัทในเครือเจริญโภคภัณฑ์

จ.นครสวรรค์



กัลปพฤกษ์
แกรนด์
พาร์ค • เชียงราย

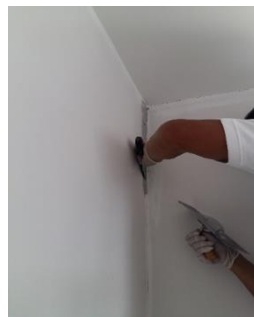


CP LAND

SMART PROPERTY SOLUTIONS

CP LAND CHIANGRAI
Landmark Foundation 2013/2017

บริษัทในเครือเจริญโภคภัณฑ์



Reference

RF-134 : RHINOZ Hybrid Jointing Compound



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INNOVATIVE WALL SOLUTION

Centro Rangsit by AP THAI



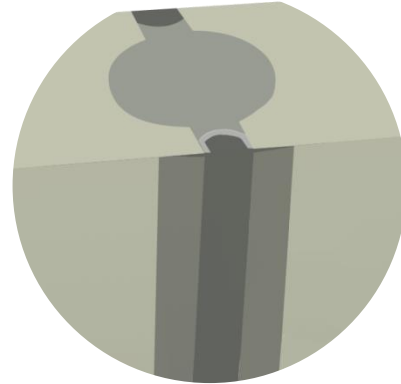
YOU ARE OUR INSPIRATION



RHINOZ, giải pháp keo trám khe nổi tấm tường toàn diện.



**Vữa xi măng chuyên dụng
RF-103 – cho khe nổi nhỏ**



**Keo trám khe cải tiến
RF-134 – cho khe nổi rộng, chịu nhiều rung chấn,
chuyển vị**