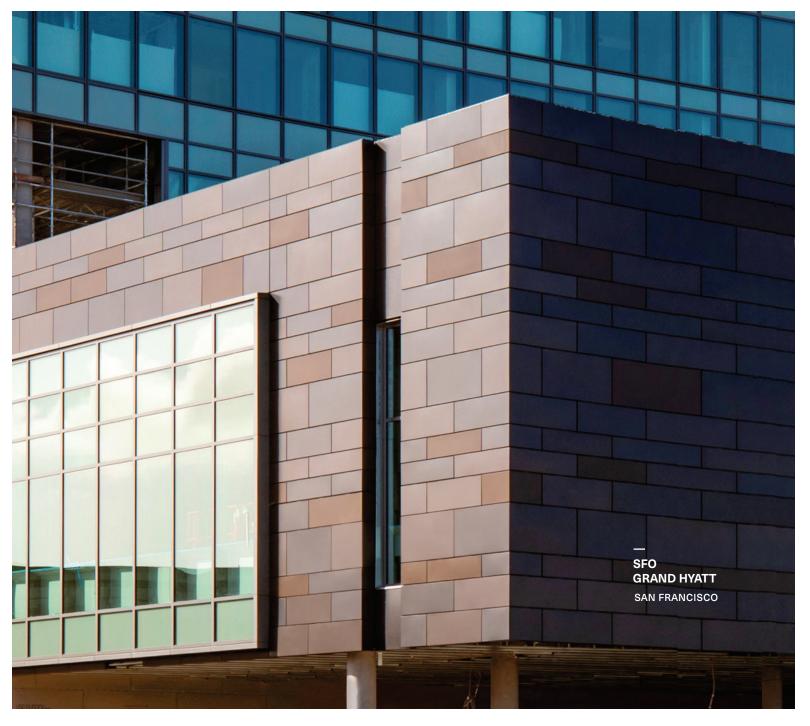
ENFOLD FAÇADE

RAINSCREEN

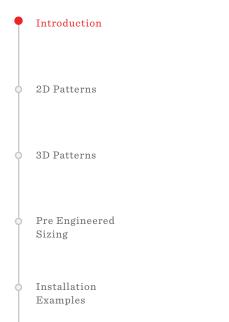


BY BÖK MODERN



INTRODUCTION

RAINSCREEN



Installation Methods

Typical Details



ABOUT BOK MODERN

We are a team of architects, industrial designers, engineers and contractors. We understand your vision and facilitate your project from concept to delivery.

We provide elegant, structurally integrated panel solutions for balcony guardrails, fences, rain screens, canopies, parking garage screens, green screens and much more.

WHY BOK MODERN RAINSCREENS?

BOK Modern's patented Rainscreen system is like no other on the market. Our Rainscreen is a non-flammable, solid aluminum, single skin panel; not a composite. The folded crisp edge result in a super flat face. It can be solid, bas-relief, or custom laser cut to your specifictions in aluminum or weathering steel. We can also custom form to a large variety of 3-dimensional shapes. We also offer a 12 and 14 gauge weathering steel option as well as stainless steel in a variety of surface treatments.

Standard finishes on aluminum include Kynar, in unlimited colors, powder coating and anodizing. We offer specialty coatings as well.

Our patented tab and slot system has an integrated spacing feature to space the panels without using shims to ensure a quick and easy install. When installed directly over a suitable substrate (i.e. plywood), our unitized panel system generally requires no additional furring or other secondary support members. Reducing labor costs in the field means a higher quality of panel for your project budget. When installed over insulation or other such substrate, our panels are attached directly to standard 'z's' or hat channels.

All of our panels are precision manufactured to your specifications for your specific job. All of your panels are modeled 3-dimensionally in Solidworks and fitted before fabrication. All panels are crated in solid wood crates and each panel has laser cut part numbers to insure quick identification during install.

BŌK provides in-house engineering for our panels with loads for your Engineer of Record to provide the appropriate backing structure.

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INTRODUCTION

RAINSCREEN



TECHNICAL INFORMATION

Our panels are a closed joint rain screening system with dry (nonsealed) joints. The panels and attaching hardware are provided by BŌK Modern. Appropriate air & water barriers to be provided by others. Recommendations include:

Liquid applied:

GE Elemax 2600 (in service temperature up to 300° F) Cat5 (in service temperature up to 300° F) Dow Defendair 200 (in service temperature up to 300° F) GCP (Perm-A-Barrier VPL max in service temp of 160° F) Soprema (Sopraseal LM)

Sheet applied options:

GCP (Perm-A-Barrier High Temperature in-service temperature up to 180° F)

Soprema (Sopraseal Stick VP in-service temperature up to 185° F) Vaproshield Revealshield SA is a black UV stable self-adhered membrane that can be used in open jointed rainscreen applications. In service temperature up to 225° F.

Aluminum panel gauges include .060. 080 and .125. See the following tables for pre-engineered panels sizing

Our system minimizes thermally broken z-girts (if required). Ask us about our soon to be released integrated furring system for assemblies incorporating exterior insulation.

Our panels are typically attached with #12 sheet metal screws 16" on center typically on the long sides. Additional screws may be required in high wind loads and/or large panels.

Matching trim pieces available upon request.



2D PATTERNS

With a UV stable air and moisture barrier, our panels can be custom perforated to your specifications.

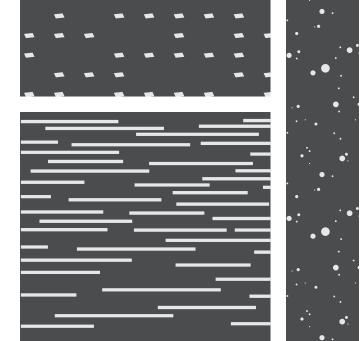
RAINSCREEN

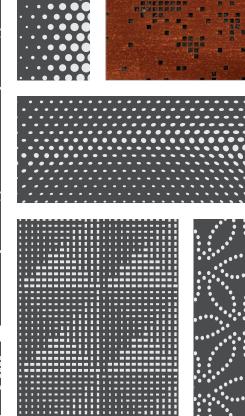
Introduction

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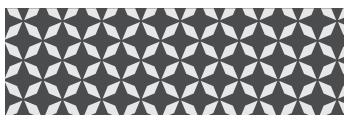
- Department 2D Patterns
- 3D Patterns
- Pre Engineered
 Sizing
- Installation
 Examples
- Installation Methods
- Typical Details

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3D PATTERNS

Our panels can also be custom formed for 3-dimentional applications.

RAINSCREEN

• 2D Patterns

Introduction

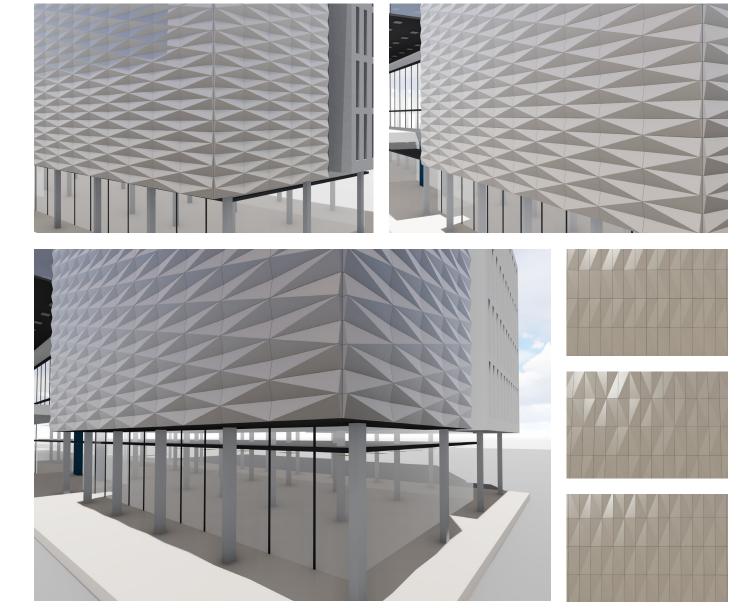
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3D Patterns

- Pre Engineered Sizing
- Installation
 Examples
- Installation
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- July Typical Details

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PRE ENGINEERED SIZING [0.060" ALUMINUM]

RAINSCREEN

BOK MODERN ALUMINUM PRE-ENGINEERED RAINSCREEN PANEL DESIGN TABLES

Based on maximum wind loading (psf)

9	Introduction	T	54	100	90	30	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			48	100	90	30	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ES}	42	100	100	40	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ļ	2D Patterns	PANEL WIDTH {INCHES}	36	100	100	40	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
) HT	30	100	100	50	20	10	10	10	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		MID.	24	100	100	60	20	20	20	20	10	10	10	10	10		10	10	10	10		10	10	10	10	10	
ļ	3D Patterns	ANEL	18	100	100	60	60	50	40	40	30	30	30	30	20	20	20	20	20	20	20	20	20	20	20	20	20
		- B/	12	100	100	100		100	100	100		90	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
			06	100 06	100 12	100 18	100 24	100 30	100 36	100 42	100 48	100 54	100 60	100 66	100 72	100 78	100 84	100 90	100 96	100 102	100 108	100 114	100 120	100 126	100 132	100 138	100 144
	Pre Engineered Sizing												PANE	EL LEN	IGTH {	INCHI	ES} —										
	Installation Examples																										
	Installation Methods																										

NOTES: Theses table are for our pre-engineered panels and are based on our standard 2" deep panel. Panel sizes can be modified by varying depth, fastener type, etc. Please ask Bok Modern about job specific engineering.



PRE ENGINEERED SIZING [0.080" ALUMINUM]

RAINSCREEN

BOK MODERN ALUMINUM PRE-ENGINEERED RAINSCREEN PANEL DESIGN TABLES

Based on maximum wind loading (psf)

9	Introduction	Ţ	54	100	100	80	40	20	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			48	100	100	80	40	20	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ES}	42	100	100	90	40	20	10					0	0	0	0	0	0	0	0	0	0	0	0	0	0
ļ	2D Patterns	NCH	36	100	100	100	50	30	20	10												0	0	0	0	0	0
		TH {	30	100	100	100	60	30	30	20	20	20	20	20	20												10
		.dim	24	100	100	100	60	60	50	40	40	40	30	30	30	30	30	30	20	20	20	20	20	20	20	20	20
	3D Patterns	PANEL WIDTH {INCHES}	18	100	100	100	100	100	100	90	80	80	70	70	60	60	60	60	50	50	50	50	50	50	50	50	50
		PA	12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
			06	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Pre Engineered			06	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144
	Sizing		I										PANE	L LEN	GTH {	INCHI	ES} —										
Î	Installation Examples																										
	-																										
•	Installation Methods																										
	Metnods																										
6	Typical Details																										

NOTES: Theses table are for our pre-engineered panels and are based on our standard 2" deep panel. Panel sizes can be modified by varying depth, fastener type, etc. Please ask Bok Modern about job specific engineering.



PRE ENGINEERED SIZING [0.125" ALUMINUM]

RAINSCREEN

BOK MODERN ALUMINUM PRE-ENGINEERED RAINSCREEN PANEL DESIGN TABLES

Based on maximum wind loading (psf)

9	Introduction	Ţ	54	100	100	100	100	60	40	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0
			48	100	100	100	100	70	40	20	20	10															10
		ES}	42	100	100	100	100	70	40	20	20	20	20	20	20	20	20	20	20	20	20	20	20				10
	2D Patterns	NCH	36	100	100	100	100	70	40	40	40	40	30	30	30	30	30	30	30	30	30	30	30	20	20	20	20
		PANEL WIDTH {INCHES}	30	100	100	100	100	80	70	70	70	60	60	60	50	50	50	50	50	50	50	40	40	40	40	40	40
		DIM	24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	90	90	90	90	80	80	80	80	80	80
	3D Patterns	NEL	18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Ĭ		PA	12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
			06	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Der Friderund			06	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144
-	Sizing	Engineered PANEL LENGTH {INCHES}																									
Ŷ	Installation Examples																										
9	Installation Methods																										
	METHORS																										
0	Typical Details																										
		-																									

NOTES: Theses table are for our pre-engineered panels and are based on our standard 2" deep panel. Panel sizes can be modified by varying depth, fastener type, etc. Please ask Bok Modern about job specific engineering.



INSTALLATION EXAMPLES

RAINSCREEN

• 2D Patterns

Introduction

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- 3D Patterns
- Pre Engineered
 Sizing



- Installation Methods
- Typical Details



DIRECT MOUNT OVER WOOD FRAMING & SHEATHING



HAT CHANNEL OVER EXTERIOR INSTALLATION





Z CHANNEL OVER EXTERIOR BATT INSTALLATION

EXAMPLES PATTERN AND COLOR VARIATION

BY BÖK MODERN



INSTALLATION METHODS

RAINSCREEN STEP 1 Attach starter strip to structure and level. Q Introduction STEP 2 2D Patterns Place tabs into slots. Per Distance 3D Patterns Pre Engineered 0 Sizing Installation Examples Installation Methods Typical Details Ó BY BŌK MODERN

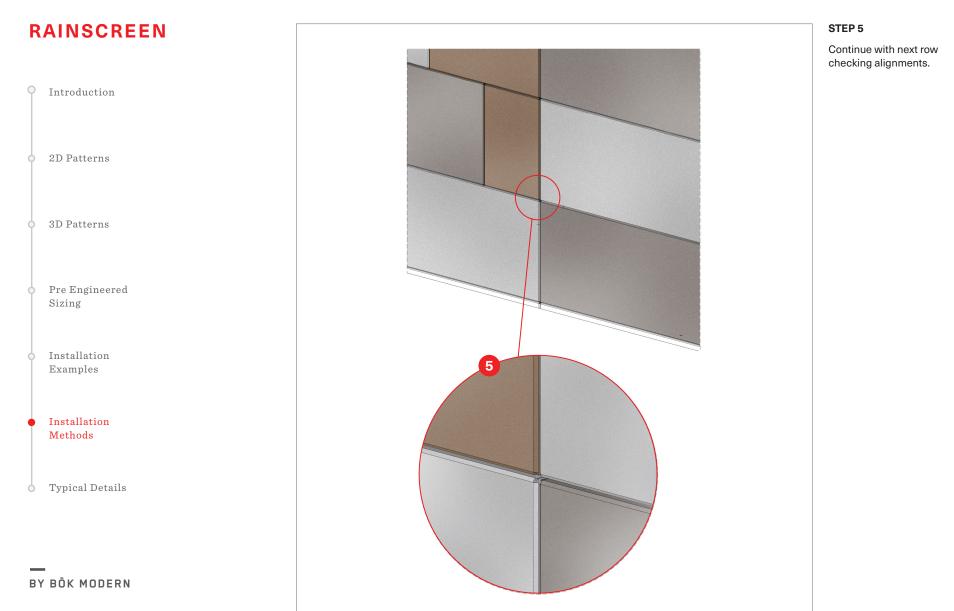


INSTALLATION METHODS

RAINSCREEN STEP 3 Attach panel to structure and check levelness. Q Introduction STEP 4 2D Patterns Repeat step 2 3D Patterns Pre Engineered 0 Sizing Installation Examples 3 4 Installation Methods Typical Details Ó BY BŌK MODERN



INSTALLATION METHODS



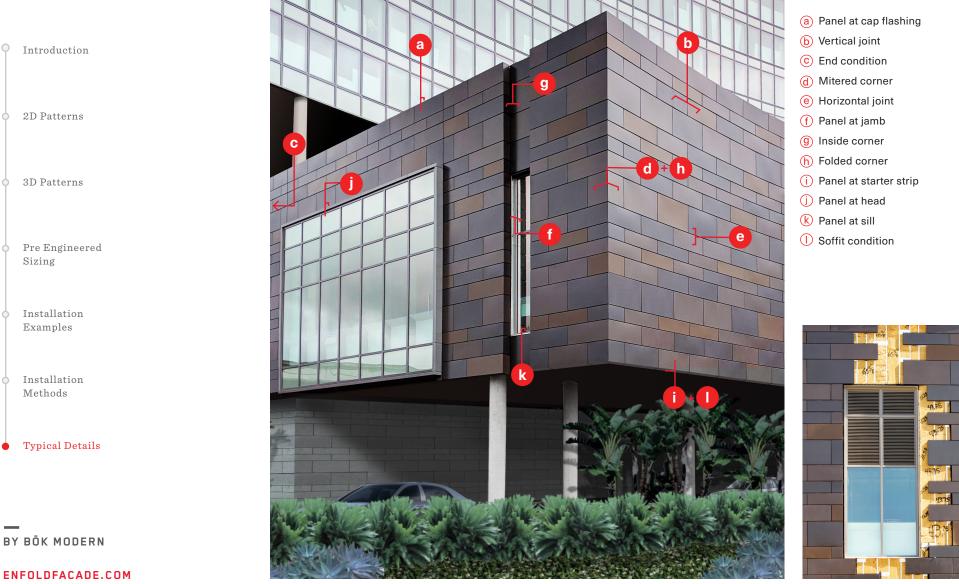


RAINSCREEN

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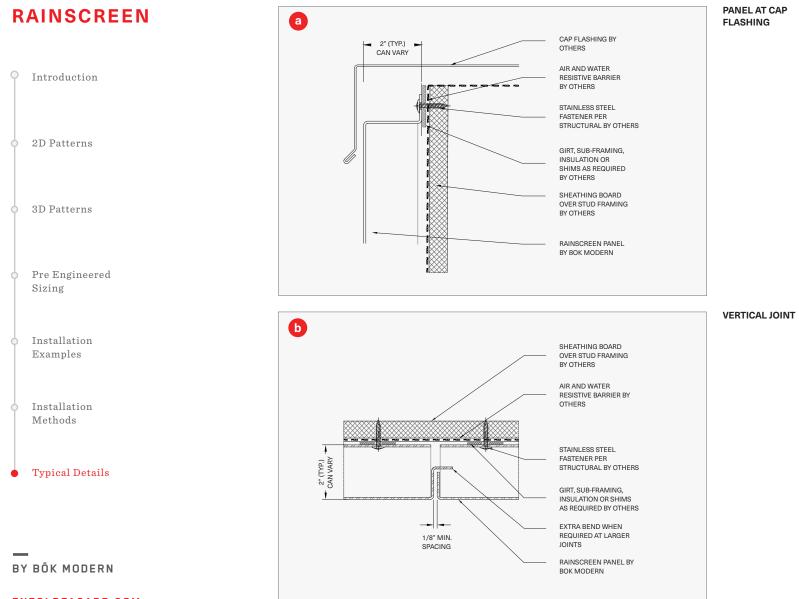
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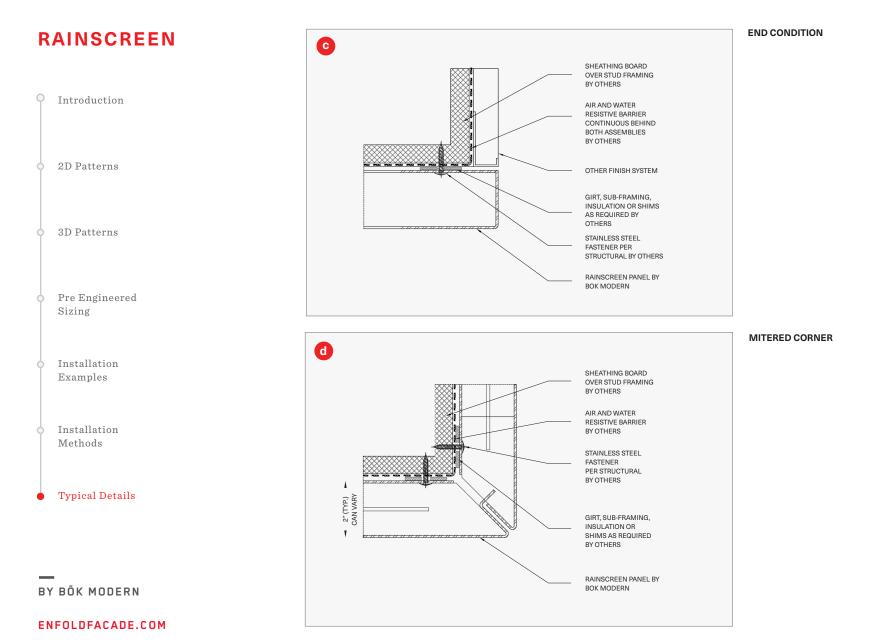


DETAIL KEY



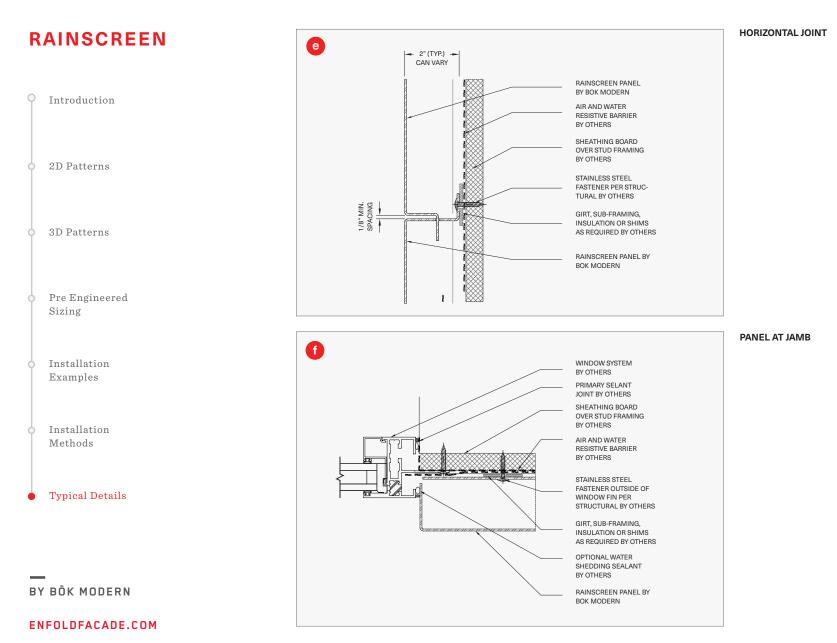




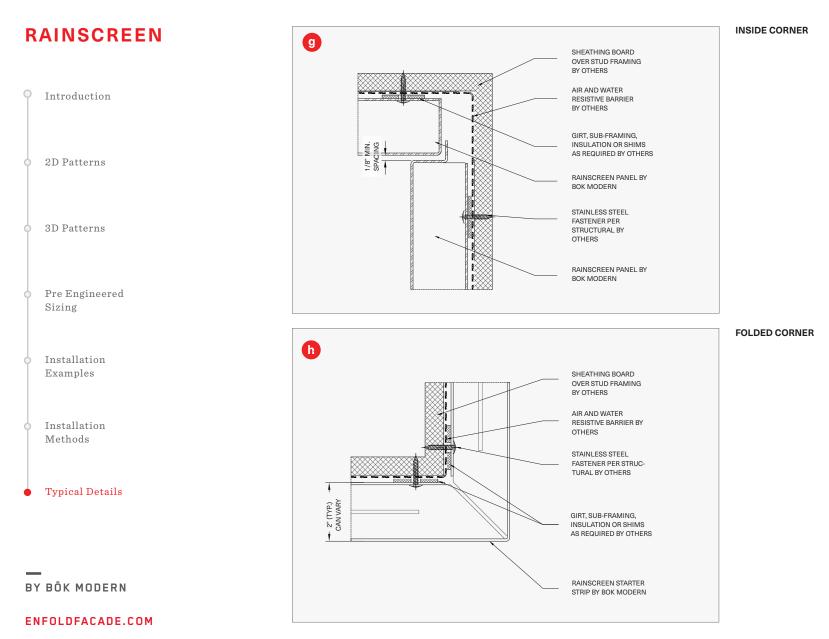


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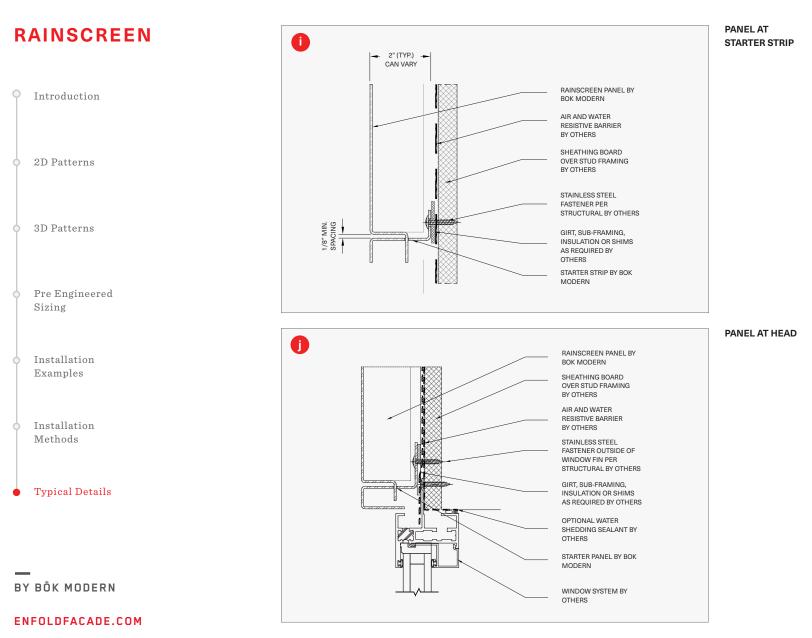












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TYPICAL DETAILS

RAINSCREEN PANEL AT SILL k WINDOW SYSTEM WINDOW SILL FLASHING BY OTHERS \bigcirc Introduction 'Z' STRIP BY BOK MODERN GIRT, SUB-FRAMING, INSULATION OR SHIMS AS REQUIRED BY OTHERS 2D Patterns STAINLESS STEEL FASTENER OUTSIDE OF WINDOW FIN PER STRUCTURAL BY OTHERS AIR AND WATER RESISTIVE BARRIER BY 3D Patterns OTHERS SHEATHING BOARD OVER STUD FRAMING BY OTHERS RAINSCREEN PANEL BY Pre Engineered 6 BOK MODERN Sizing SOFFIT CONDITION 0 Installation 6 SHEATHING BOARD Examples OVER STUD FRAMING BY OTHERS AIR AND WATER RESISTIVE BARRIER 1/8" MIN. SPACING Installation BY OTHERS Methods STAINLESS STEEL FASTENER PER Typical Details STRUCTURAL BY OTHERS GIRT, SUB-FRAMING, INSULATION OR SHIMS AS REQUIRED BY OTHERS RAINSCREEN SOFFIT PANEL BY BOK MODERN BY BÖK MODERN CONCEALED 3/8" DIA. WEEP HOLES