
grad®
deckwithgrad.com
us.gradconcept.com
BUILDING REIMAGINED
Decks, Walls, and More
Architectural timber
Custom Milling
Smart assemblies
AIA course provider

Ceilings

Soffits

Interior ceilings

Boards

Roof slopes

Boards



Walls

Vertical cladding

Horizontal cladding

Rainscreen

Open Joint cladding

Accent walls

Curved walls

Fences

Boards

Decks

Near-grade decks

Low clearance decks

Elevated decks

Pool decks

Roof decks

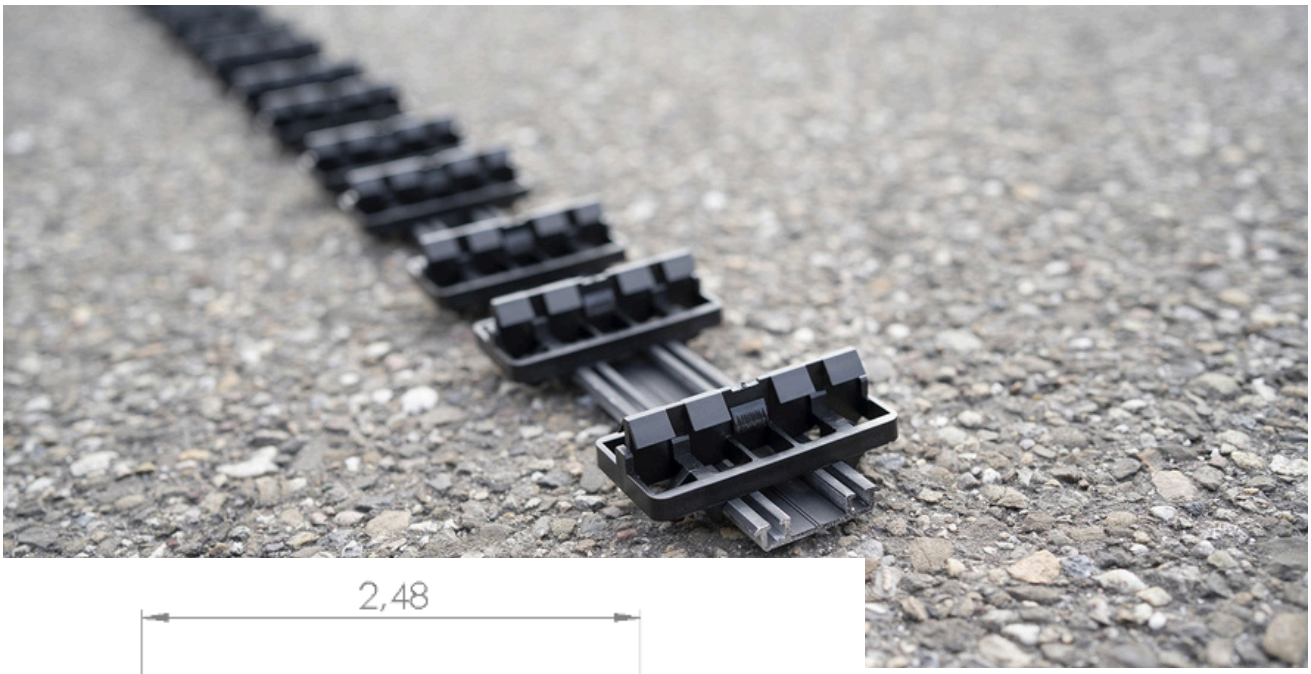
Balconies

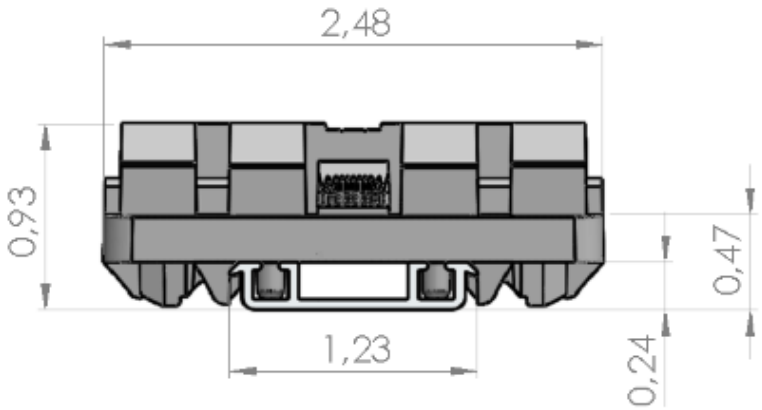
Decks with pedestals

Framing

Boards

With Mini Rails





Specification	Details
Rail material	Aluminum 6060
Rail finish	Black water-based paint
Clip material	Polyoxymethylene (POM)
Maximum length	156 in
Pull-out strength of the clip on the rail	330 to 550 lbs, for two clips (depending on the type of board)
Total deck height	0.47 in + deck board height
Max. length of rails	Up to 7 ft
Average coverage for rails at 16 in O.C.	8 sq. ft.
Recommended fixing points	Every 10–16 in
Load-bearing / structural	No
Can boards and clips be removed with special keys?	No







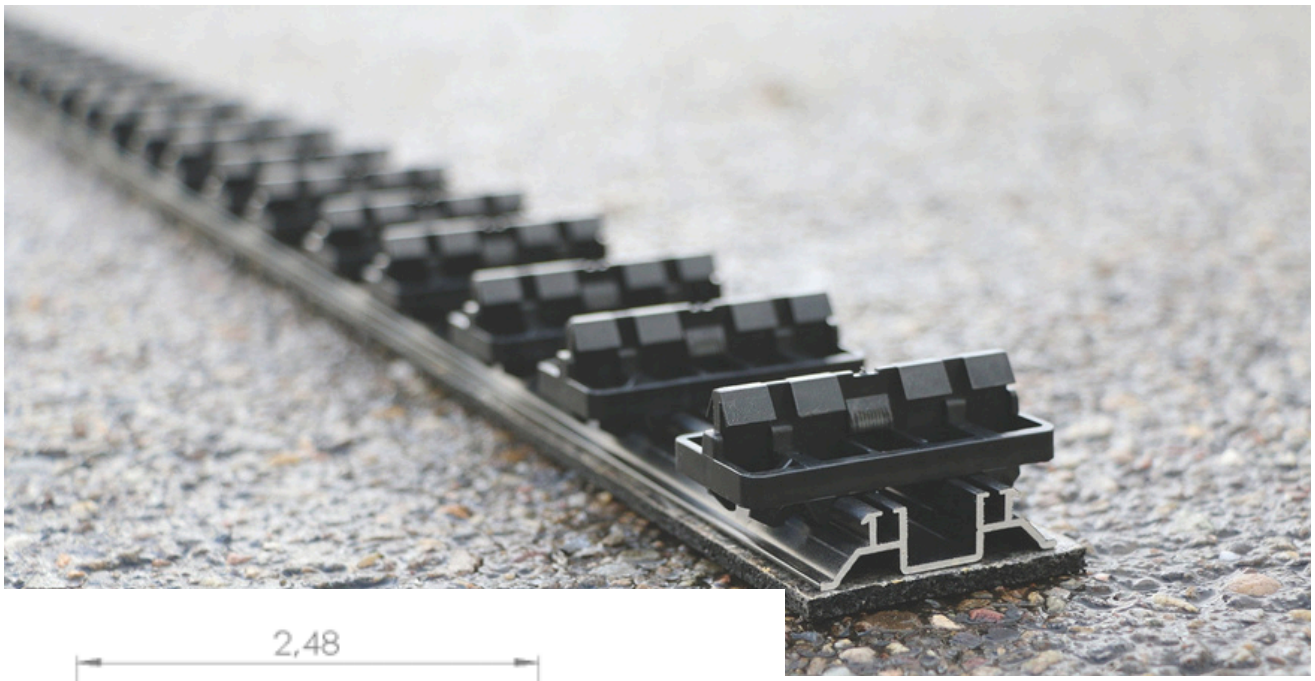


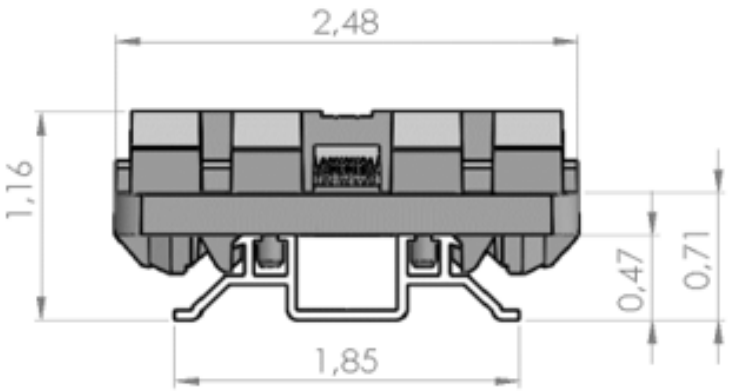




With Star ★ Rails

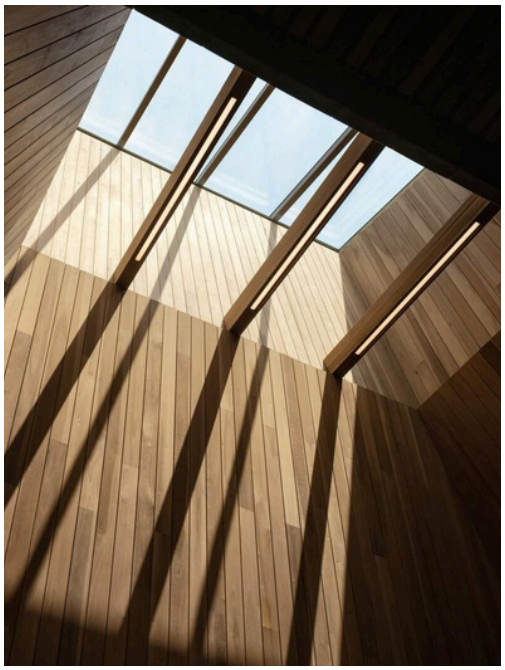
grad®





Characteristic	Details
Rail material	Aluminum 6060
Rail finish	Black water-based paint
Clip material	Polyoxymethylene (POM)
Maximum length	156 in
Pull-out strength of the clip on the rail	330 to 550 lbs, for two clips (depending on th type of board)
Total deck height	0.71.'' + deck board height
Max length of rails	Up to 7 ft
Average coverage for rails at 16 in OC	8 sqft
Recommended fixing points	Every 20 in
Load bearing/structural	No
Boards and clips can be removed with special keys	Yes







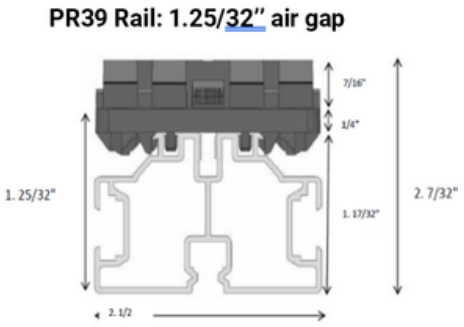


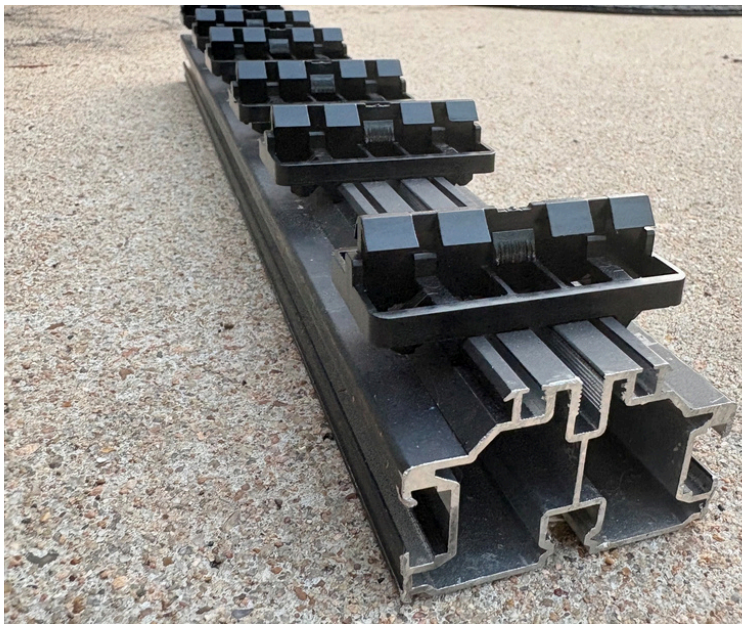




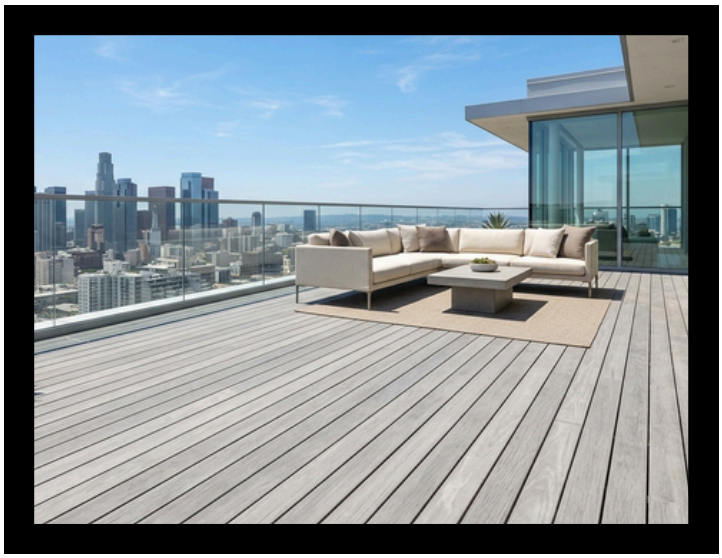


With Joists - structural rails





Characteristic	Details
Rail material	Aluminum 6060
Rail finish	Black water-based paint
Clip material	Polyoxymethylene (POM)
Maximum length	156 in
Pull-out strength of the clip on the rail	330 to 550 lbs, for two clips (depending on the type of board)
Total deck height	From 1-25/32 in + deck board height to 5-7/8 in + deck board height
Max length of rails	Up to 7 ft
Average coverage for rails at 16 in OC	8 sqft
Recommended fixing points	Every 20 in
Load bearing/structural	No
Boards and clips can be removed with special keys	Yes
Can be cut to length	Yes







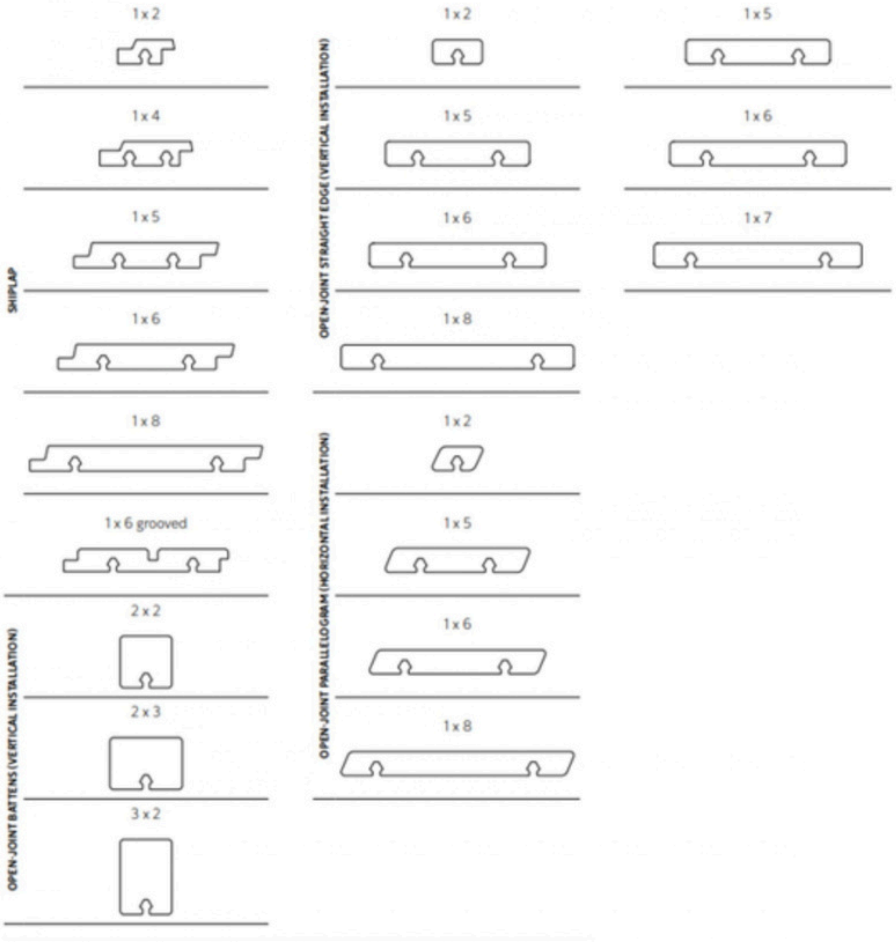






Standard profiles available

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Brands we trust

kebony

dassoXTR

ARBOR WOOD co
THERMALLY MODIFIED WOOD

moso®

accoya®

THERMORY

Amble Wood co

ISSAQUAH LUMBER

REX LUMBER COMPANY

branch ARCHITECTURAL SYSTEMS ™

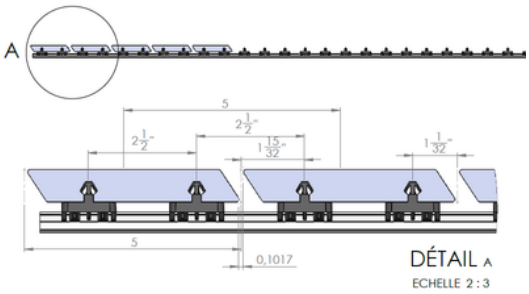
CANADIAN BAVARIAN
MILLWORK • LUMBER

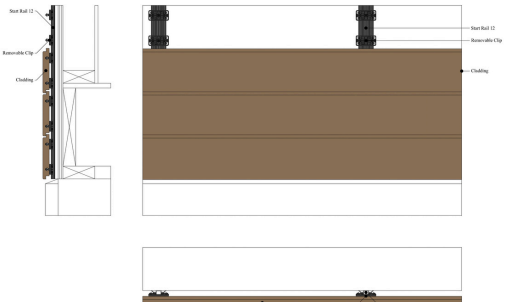
BPWOOD

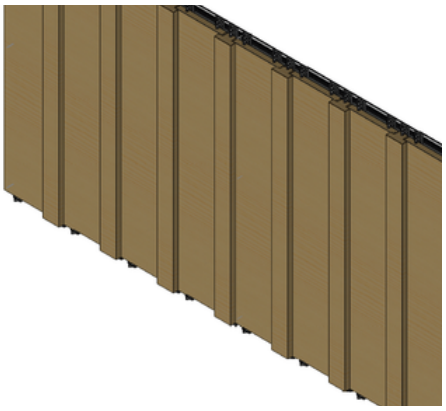
EVERWOOD PROCESSING

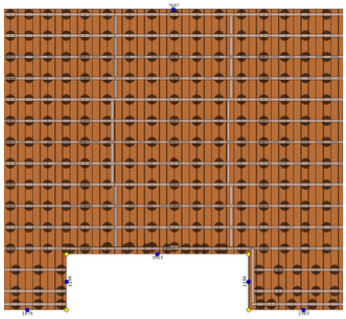
What can Grad do for you?

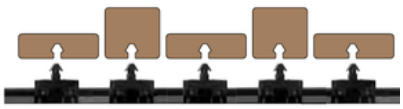
- Assembly Drawings
- CAD / DWG Files
- Revit Objects
- 2D and 3D deck layouts
- Customized Rails & Profiles
- Technical Advice
- Project-Specific Solutions
- Installation Guides
- Product Specifications
- Engineering Documentation
- Performance & Test Reports
- Certifications & Declarations
- Material & Finish Samples
- Bill of Materials
- Installation Training & Support
- Architect & Contractor Resources



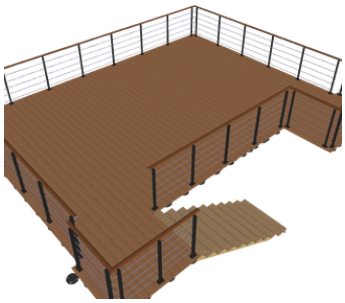




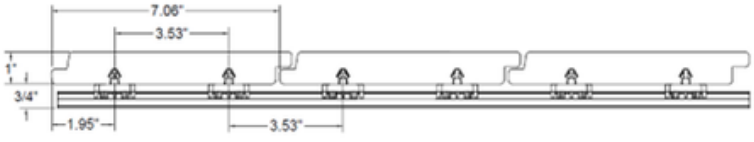












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