

20 **JONA** 00
PRO SERIES



JONA **PANEL SALES INC.**
PROGRESSIVE & INNOVATIVE GREEN PRODUCTS



**HIGH PERFORMANCE
ACOUSTIC UNDERLAYMENT**

INTRODUCING OUR LATEST FLOORING UNDERLAYMENT SOLUTION
FOR COMMERCIAL AND RESIDENTIAL APPLICATIONS

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JONA 2000 PRO SERIES

High performance underlayment providing noise suppression, cushioning and moisture vapor reduction.

- Superior sound absorption qualities
AIRC 60 / Delta 26*
- Suppresses moisture migration from subfloor to 99% RH
- Excellent cushioning and corrects minor subfloor irregularities
- Fast track easy installation
- Install by floating, modified or double stick method
- Self-healing, indent-resistant technology ensures long term performance
- Facilitates simple board replacements (depending on install method)
- Competitively priced
- Tests to CA section 01350 specification standard 3rd party certified by Floor Score
- Install by floating, modified or double stick method
- Can be reused in most situations & is recyclable



- *AIRC 60/ DELTA 26 Results obtained using 8" concrete subfloor with no ceiling & Evoke 5mm Quick luxury vinyl. Results will vary depending upon structure and various floor/ceiling assemblies. Actual on-site measurements will determine final suitability of flooring system for your project



²⁰ **JONA** ⁰⁰
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**White or black layer
with grey surface**

Like many innovations, Jona 2000 was developed to answer an unmet need. In today's hyper-competitive and turbo-charged construction environment, commercial flooring installers are constantly faced with three common problems:



SUBFLOOR MOISTURE

Accelerated schedules call for flooring to be installed over slabs that haven't fully cured.

ACOUSTIC CONTROL

New building standards require ever-stricter acoustic control between floors of multi-storey buildings.

LACK OF TIME

Flooring contractors are continually under pressure to work faster

BUILDING A BETTER UNDERLAY

Like many innovations, Jona 2000 was developed to answer an unmet need. In today's hyper-competitive and turbo-charged construction environment, commercial flooring installers are constantly faced with three common problems:

THE SOLUTION: Jona 2000 was designed to address these three problems head on:



SUBFLOOR MOISTURE

Jona 2000 is a moisture barrier and suppresses moisture migration from subfloor to 100% RH.*

ACOUSTIC CONTROL

Jona 2000 is an acoustic membrane with impressive ratings of AIIIC 60 / Delta 26.

LACK OF TIME

Jona 2000 saves time and money. Designed for fast, easy floating installation, Jona 2000's large 6 foot wide format covers a lot of square footage in record time.

BUILDING A BETTER UNDERLAY

*100% RH Suppresses moisture migration from the top surface of concrete for internal relative humidity levels to 100%, essentially blocking moisture to the flooring system. Allows you to move forward on your project without delays or added costs due to excessive subfloor moisture issues.

20 JONAS⁰⁰

PRO SERIES

KEY BENEFITS

- Fast and easy installation ----- **FLOATING INSTALL**
- Fast track construction ----- **INSTALL BOTH JONA 2000 AND FLOORING ON THE SAME DAY**
- Excellent acoustic properties ----- **DELTA IIC Δ 26 (ASTM E2179)***
- Moisture control (MVER) ----- **RH 100%, PH 12 (ASTM F2170)**
- Bonding surface ----- **COMPATIBLE WITH ALL FLOORING ADHESIVES**
- Affordable ----- **BEST COST VS BENEFIT OF ANY FLOORING UNDERLAY**

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JONAS⁰⁰ HIGH PERFORMANCE ACOUSTIC UNDERLAYMENT →
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**AIC 60/ DELTA 26 Results obtained using 8" concrete subfloor with no ceiling & Evoke 5mm Quick luxury vinyl. Results will vary depending upon structure and various floor/ceiling assemblies. Actual on-site measurements will determine final suitability of flooring system for your project.





BUILD: NEW CONSTRUCTION

6" to 8" thick Post Tension concrete slab
No suspended ceilings

CHALLENGES:

Control high moisture emissions (MVER) ✓

Meet acoustic requirements (IIC) ✓

Fast track construction ✓

- One product solution to challenges
- Fast & easy install: Flooring & underlay installed on the same day
- Requires minimal surface preparation

Cost effective ✓



MULTI-FAMILY WOOD FRAME CONSTRUCTION - GYPSUM

CHALLENGES:

- Acoustic ✓
- Bonding surface ✓
- Easy repair ✓
- Easy replacement ✓



COMMERCIAL SUBSTRATES

CHALLENGES:

- Moisture control (MVE) ✓
- Bonding surface ✓
- Minimize business disruption ✓
- Easy repair ✓
- Work under most rolling loads ✓



COMMERCIAL SUBSTRATES

FLOOR: SABINE LUXURY VINYL

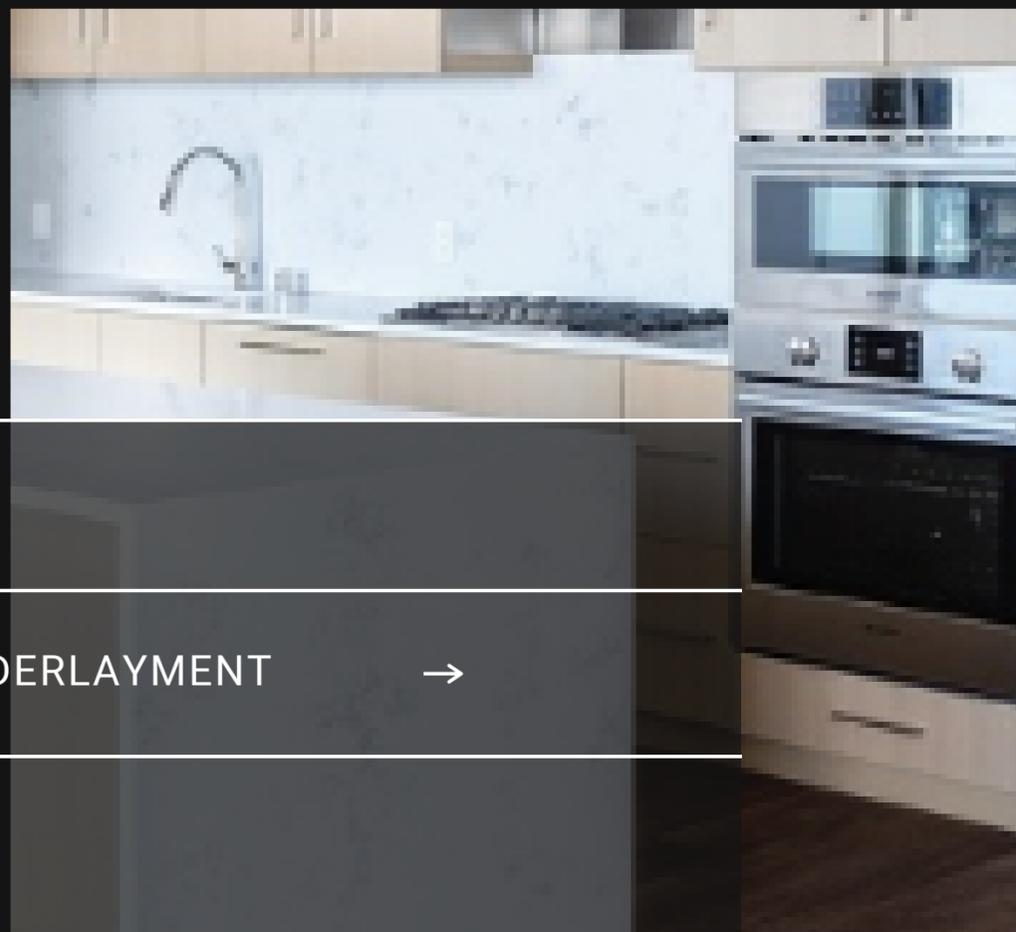
MEMBRANE: JONA 2000

SUBSTRATE: EXISITING VCT TILE IN POOR CONDITIONS

CHALLENGES:

- Fast track construction ✓
- Bonding surface ✓
- Moisture control (MVE) ✓
- Comfort under foot ✓





LOCATION

TWO LINCOLN TOWER
BELLEVUE, WA

SQ FT

240,000

CHALLENGES

Acoustic
Moisture control
Bonding surface
Fast track construction

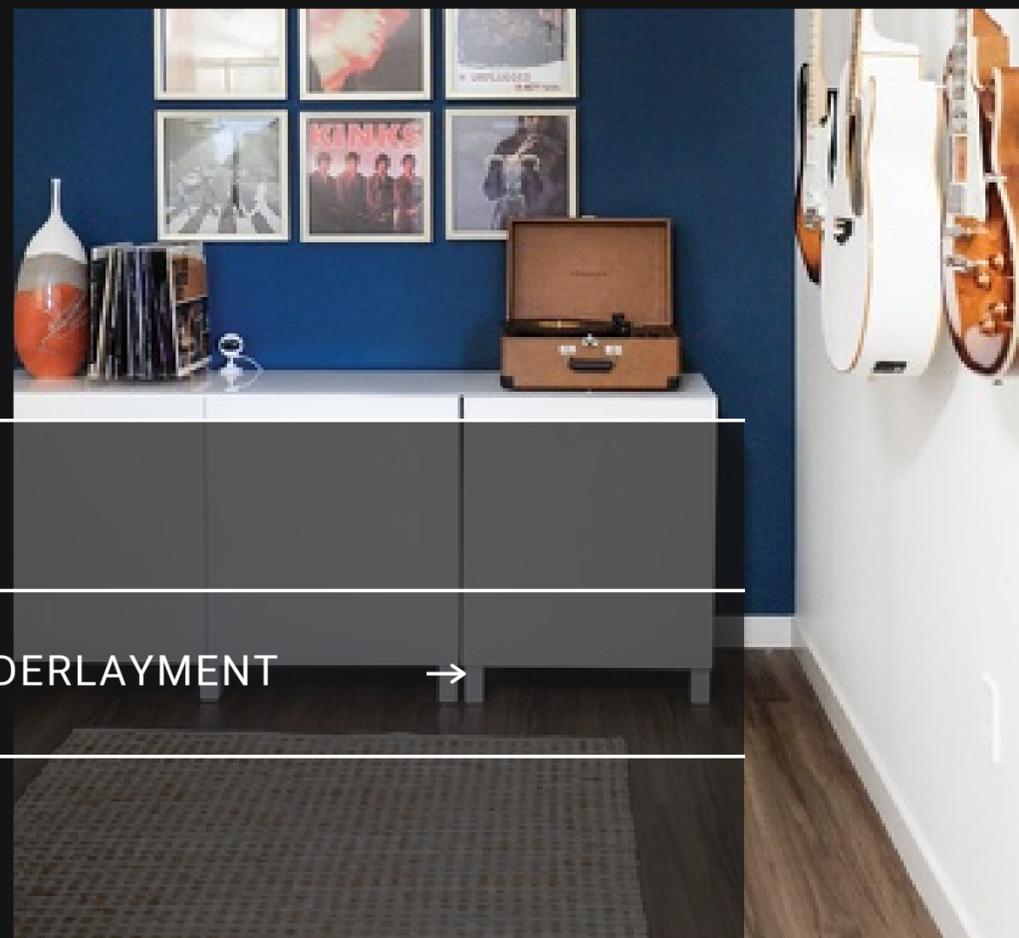
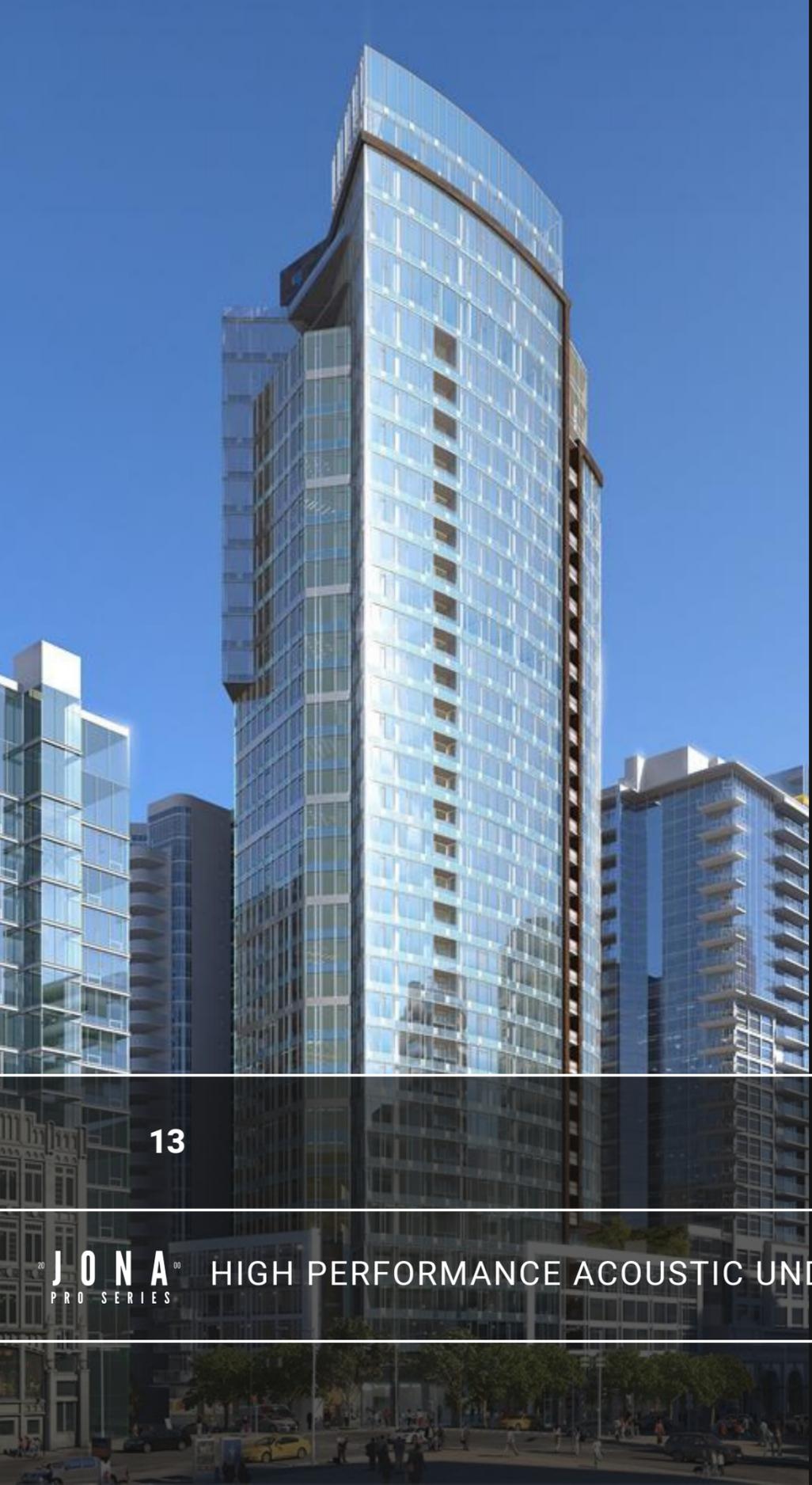
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HIGH PERFORMANCE ACOUSTIC UNDERLAYMENT



PROJECT 1



LOCATION

TOWER 12 APARTMENTS
SEATTLE, WA

SQ FT

180,000

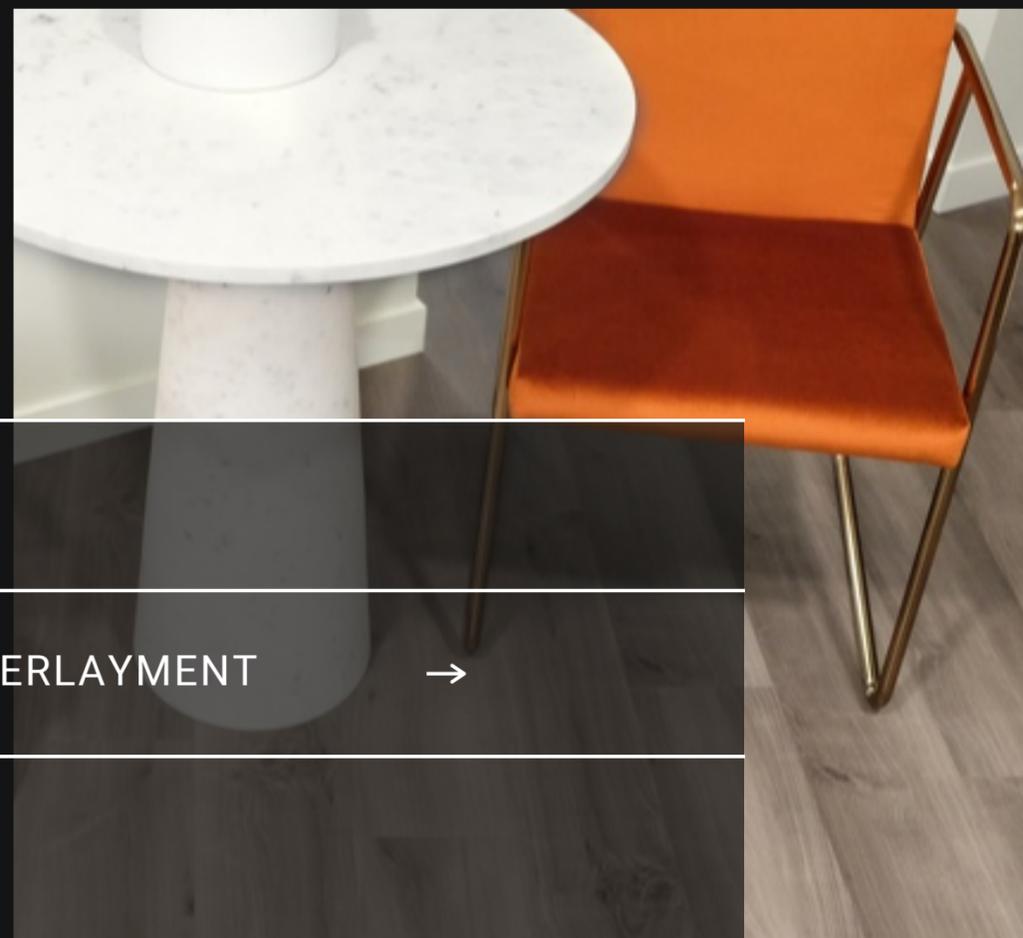
CHALLENGES

Acoustic
Moisture control
Bonding surface
Fast track construction

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PROJECT 2



LOCATION

MCKENZIE TOWER
SEATTLE, WA

SQ FT

270,000

CHALLENGES

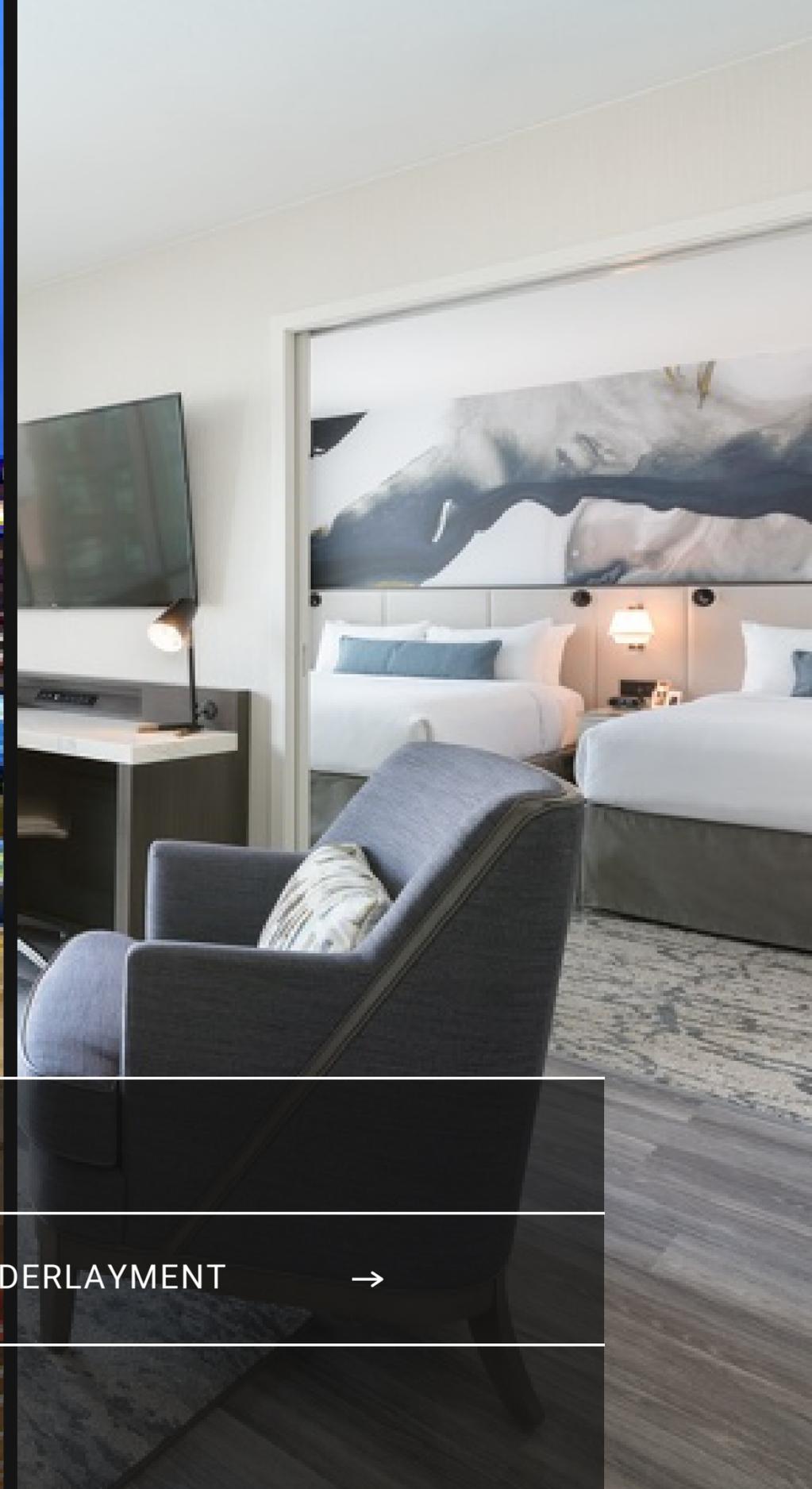
Acoustic
Moisture control
Bonding surface
Fast track construction

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HIGH PERFORMANCE ACOUSTIC UNDERLAYMENT →

PROJECT 3



LOCATION

DELTA HOTELS BY MARRIOTT
DOWNTOWN SUITES
VANCOUVER, BC

SQ FT

70,000

CHALLENGES

Acoustic
Moisture control
Comfort under foot
Bonding surface
Easy repair
Easy replacement

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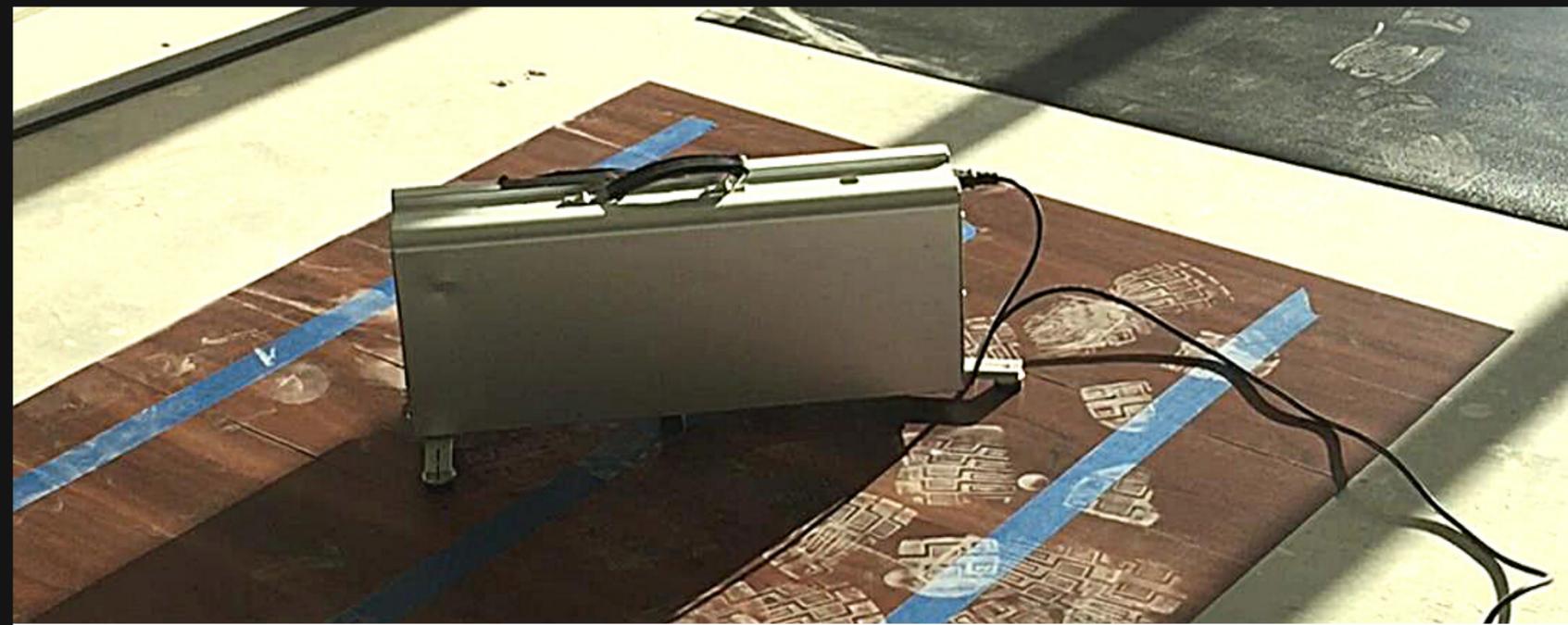
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PROJECT 4

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P R O S E R I E S

ACOUSTICS



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J O N A 00 HIGH PERFORMANCE ACOUSTIC UNDERLAYMENT
P R O S E R I E S



ACOUSTICS

lic	Test	Flooring	Sub-Floor
			Concrete
Aiic 59	ASTM E1007-14	Luxury Vinyl	8" concrete with no ceiling below
iic 56	ASTM E492	Luxury Vinyl	6" concrete with no suspended ceiling
Aiic 61	ASTM E1007-14	Rigid Core	8" concrete with no ceiling below
Aiic 58	ASTM E1007-14	1/2" Engineered Wood	8" concrete with no ceiling below
			Wood frame
Aiic 50	ASTM E1007-14	Luxury Vinyl	Wood frame, gypsum topping, no embedded acoustic, drop ceiling
lic 55	ASTM E492	Luxury Vinyl	Wood frame, gypsum topping, embedded acoustic, drop ceiling
Δ 23 iic	DELTA ASTM E2179	Luxury Vinyl	8" concrete with no ceiling below



OBSERVATIONS AND RESULTS

ASSEMBLY DETAILS

ACOUSTICS

Assembly F1, the existing base floor/ceiling assembly between Level 5 and Level 6, is constructed as follows and shown in Figure 2 (all elements confirmed by visual investigation):

- 4.5 mm Interface Level Set Natural Woodgrains LVT, glued down
- 3.4" gypcrete cast underlayment
- 1" OSB deck
- 11-7/8" TJI joists, 16" o.c.
- 3-1/2" fiberglass batt insulation
- Clark Dietrich RC Deluxe resilient channels, 16" o.c.
- 2 layers 5/8" type X gypsum wallboard

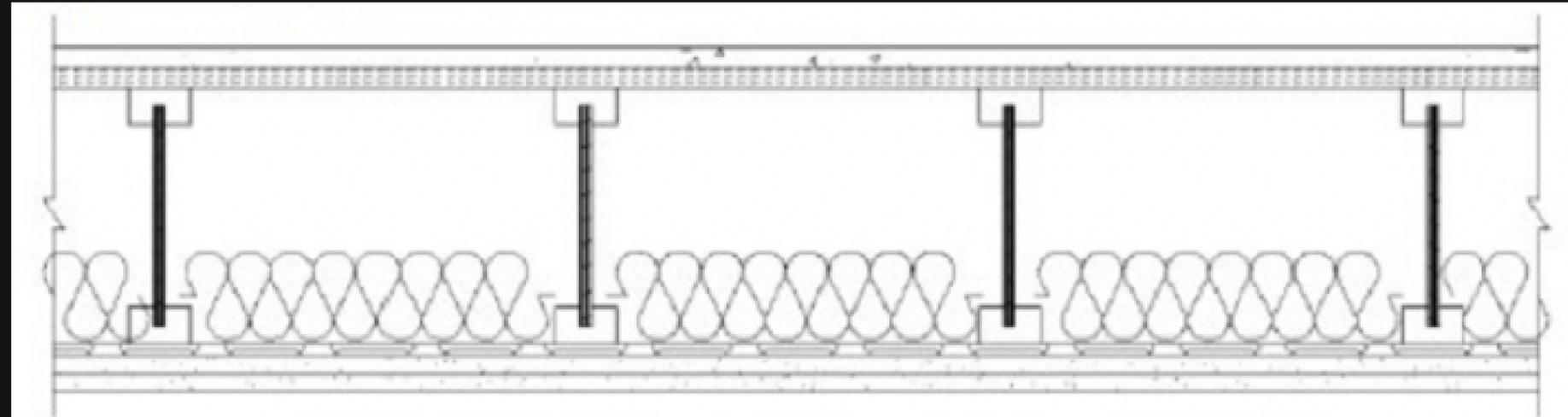


Figure 2. Floor/ceiling assembly *F1*

Several variations of this assembly were also tested.

- F4 - same as F1 with a soffit. 10" wire hangers (attached through oversized and sealed holes in ceiling layers to joists, not short-circuiting RC). 1 layer 5/8" type X GWB. Described by contractor, per design.
- F1-Jona - Same as F1 with a mat under LVT. 1.8 mm thick Pro Series Jona 2000 underlay may laid on gypcrete, LVT glued to mat. Visually confirmed.
- F1-RST - Same as F1 with a mat under the LVT. 5mm thick Pliteq GenieMat RST05 underlay mat glued to gypcrete, LVT glued to mat. Visually confirmed.

GM DOUBLE STICK INSTALLATION INSTRUCTIONS

• PLEASE REFER TO FULL INSTALLATION INSTRUCTIONS AVAILABLE TO DOWNLOAD ON OUR WEBSITE AT JONAPANELS.COM



GM DOUBLE STICK INSTALLATION ADHESIVES

• PLEASE REFER TO FULL INSTALLATION INSTRUCTIONS AVAILABLE TO DOWNLOAD ON OUR WEBSITE AT JONAPANELS.COM



KEY BENEFITS & TIPS

- Concrete floors must be fully cured and permanently dry
- Mechanically remove all traces of old adhesives, paint or other debris by scraping, sanding or scarifying the substrate. Do not use solvents.

GM FAS2 ADHESIVE

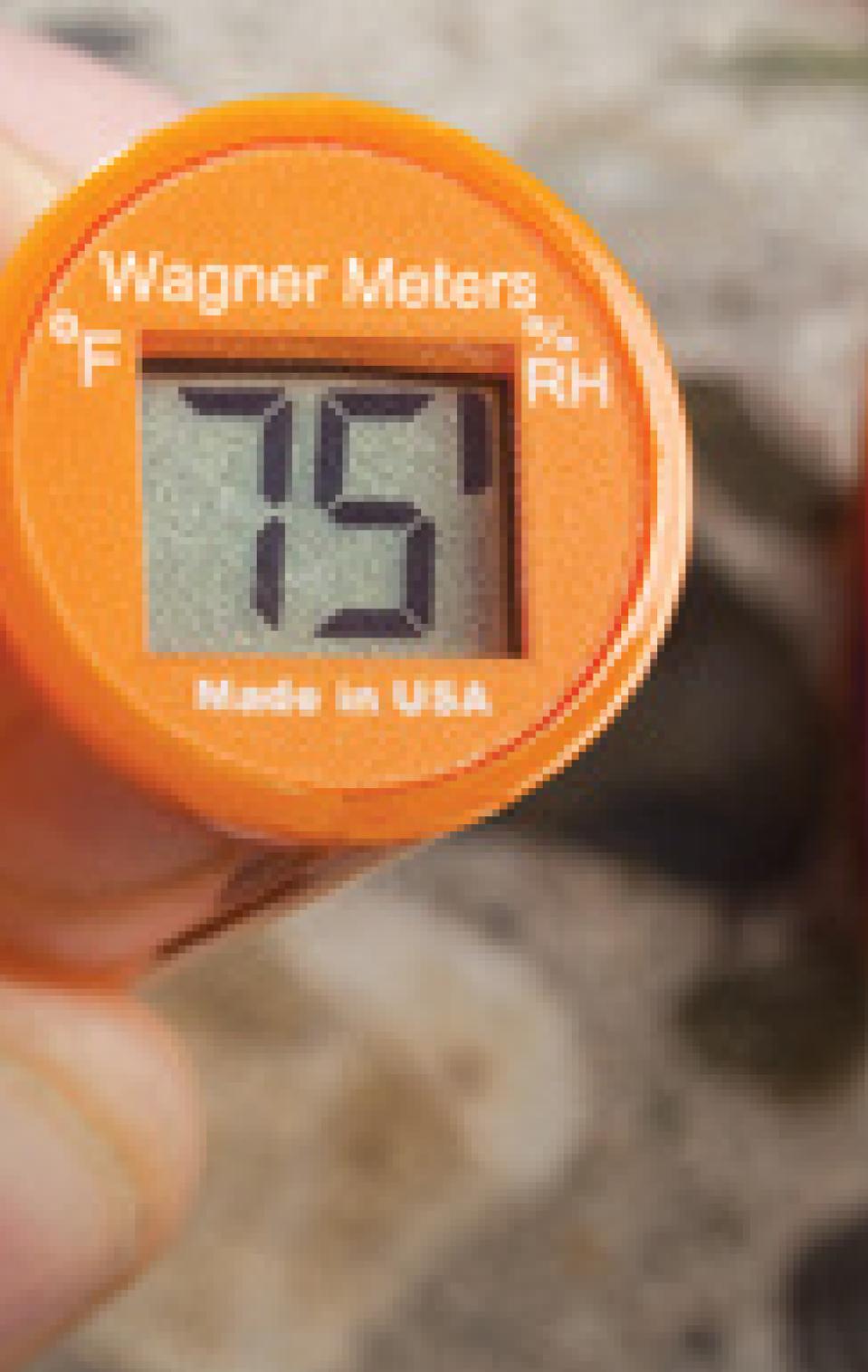
is a cross-linking, pressure sensitive, amide-ester-acrylate-resin blend adhesive. Has plasticizer migration resistance that allows installation of a broad variety of vinyl floor products.

- Solvent free
- Excellent water and alkali resistance
- Non flammable
- High aggressive peel strength
- Low odour
- Quick to use & easy to trowel

GM FASHM ADHESIVE

is a one-component, 100% solids, cross-linking, modified silane polymer-based adhesive. Class 1 vapour barrier, low permeability ratings. Plasticizer migration resistance that allows installation of broad variety of vinyl floor products.

- Solvent free
- Negligible VOC content
- 90% RH
- Non flammable
- No hazardous chemicals
- Alkalai resistance
- Low odour
- Quick to use & easy to trowel



MOISTURE CONTROL

ASTM F2170

Up to 100% RH PH-12



Jona 2000 Pro Series 4584 Premium Vinyl Flooring Adhesive

Features & Benefits

- Designed for luxury vinyl tile, plank, VCT and solid vinyl sheet flooring
- Resists plasticizer migration
- Provides effective moisture control at < 5lbs MVER AND 80 RH
- Long open time with easy application

- Allows for easy removal and replacement of planks when used in a dry set (releasable) application
- May be used as a full spread, perimeter or grid adhesive
- Recommended for all "loose-lay" vinyl products such as LV Quick Series
- Can be used to create a releasable or permanent bond depending on install method
- Provides exceptional tack with exceptional adhesion to all common types of floor surfaces

Available in 4 gallon and 1 gallon pails



Jona 2000 Pro Series 4510 Premium Pressure - Sensitive Flooring Adhesive

Features & Benefits

- Designed for resilient floor coverings: Solid sheet vinyl, luxury vinyl tile and planks.
- Also for carpet: Vinyl backed tile and vinyl backed goods

- Plasticizer resistant for secure bonding of vinyl flooring
- High peel and shear strengths
- Provides effective moisture control at < 5lbs MYER and < 80 RH s
- CRI Green Label Plus Certified

Available in 4 gallon and 1 gallon pails

BONDING SURFACE

COMPATIBLE WITH ALL FLOORING ADHESIVES

- Latex / Acrylic Adhesives
- Urethane Adhesives
- MS Adhesives



Jona 2000 Pro Series 3089

Urethane Adhesive for Wood & Rubber

Features & Benefits

- Easy to Apply
- Extremely low odour
- Excellent bond strength and elasticity
- Non-solvent formulations and 100% solids

- Designed to bond solid hardwood and engineered flooring to substrates
- Can be used with recycled rubber and cork underlayment making it ideal for double stick applications
- Also for use with rubber tile flooring

Available in 5 gallon pail

BONDING SURFACE

COMPATIBLE WITH ALL FLOORING ADHESIVES

- Latex / Acrylic Adhesives
- Urethane Adhesives
- MS Adhesives



Jona 2000 Pro Series 4564

Vinyl and Carpet Flooring Adhesive

Features & Benefits

- Designed for resilient floor coverings: Solid sheet vinyl, luxury vinyl tile and planks.
- Also for carpet: Vinyl backed tile and vinyl backed goods

Available in 4 gallon and 1 gallon pails

- Plasticizer resistant for secure bonding of vinyl flooring
- High peel and shear strengths
- Provides effective moisture control at < 5lbs MVER and < 80 RH
- CRI Green Label Plus Certified

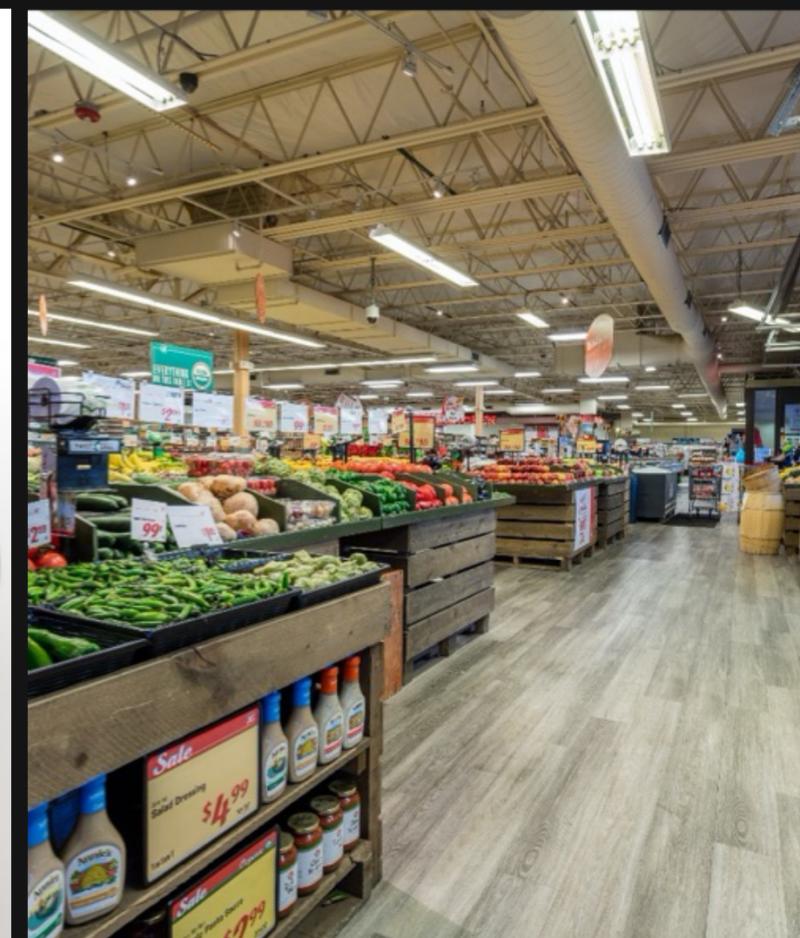
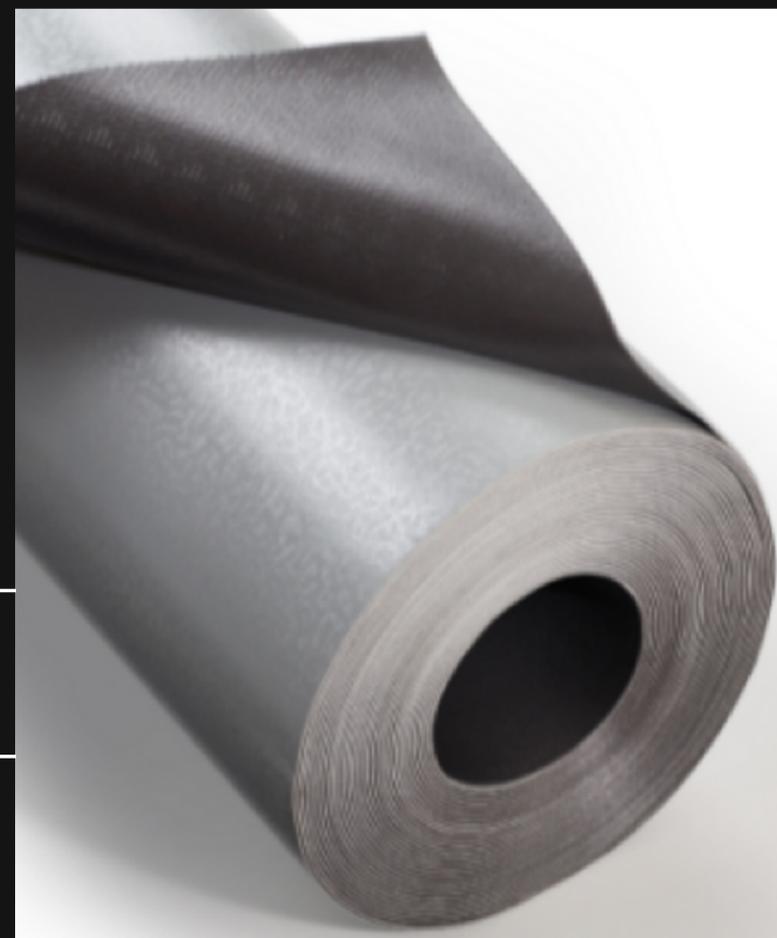
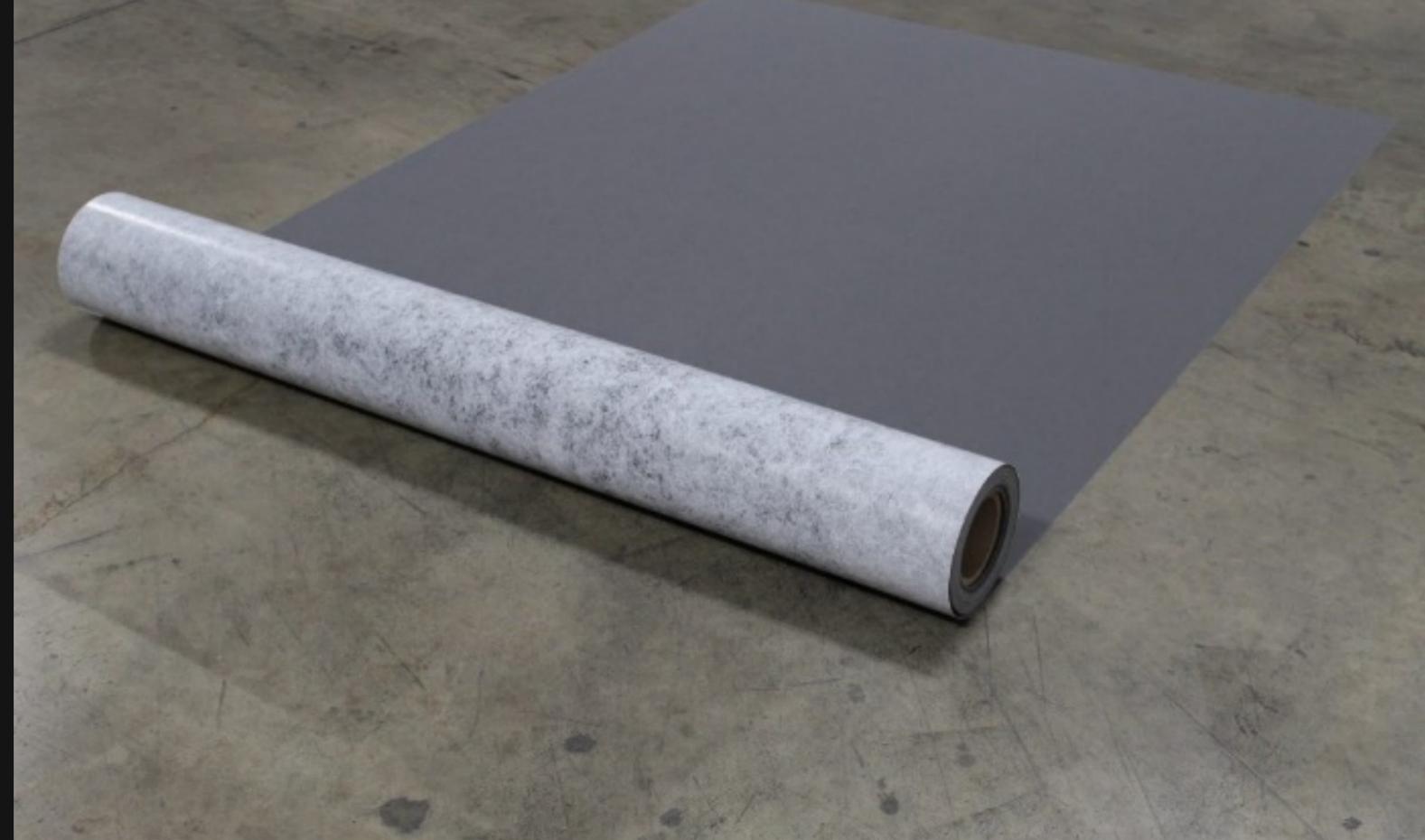
PRODUCT SPECIFICATIONS

Nominal Thickness: .070" (1.9 MM)

Width: 6' (1.83 M)

Length: 65.62' (20 M)

Roll Size: 393.96 Sq Ft



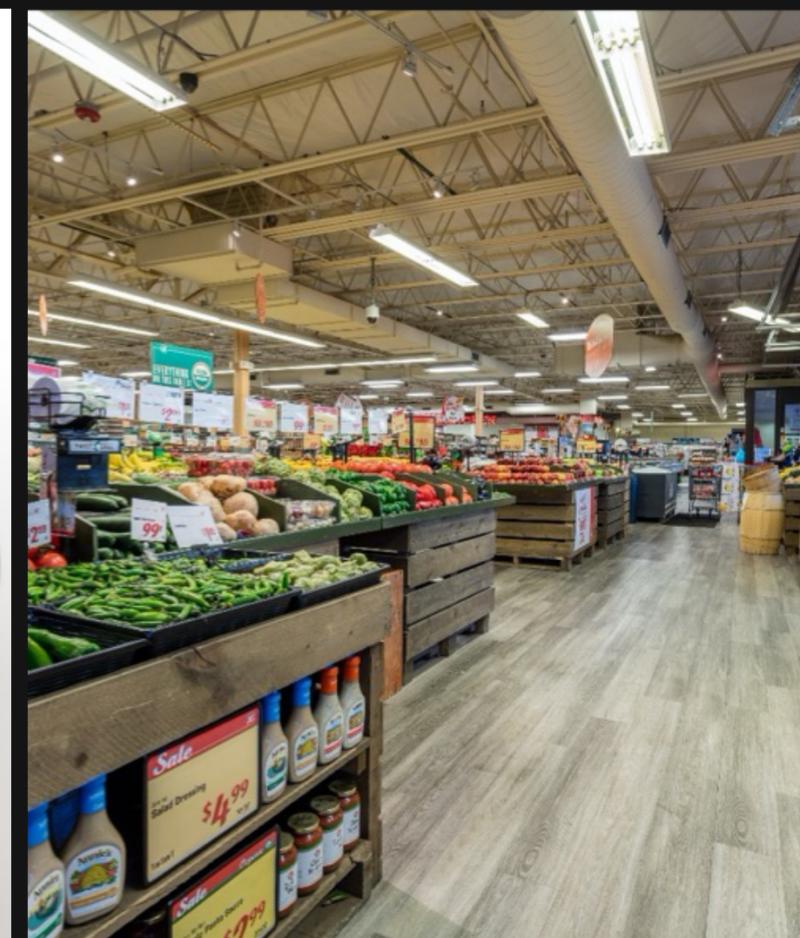
PRODUCT SPECIFICATIONS

Fire Test ASTM E662

Smoke Generation - Max. Spec. Optical Density of 450 or less

Fire Test ASTM E648

Critical Radiant Flux - .045 m2 or Greater Class 1



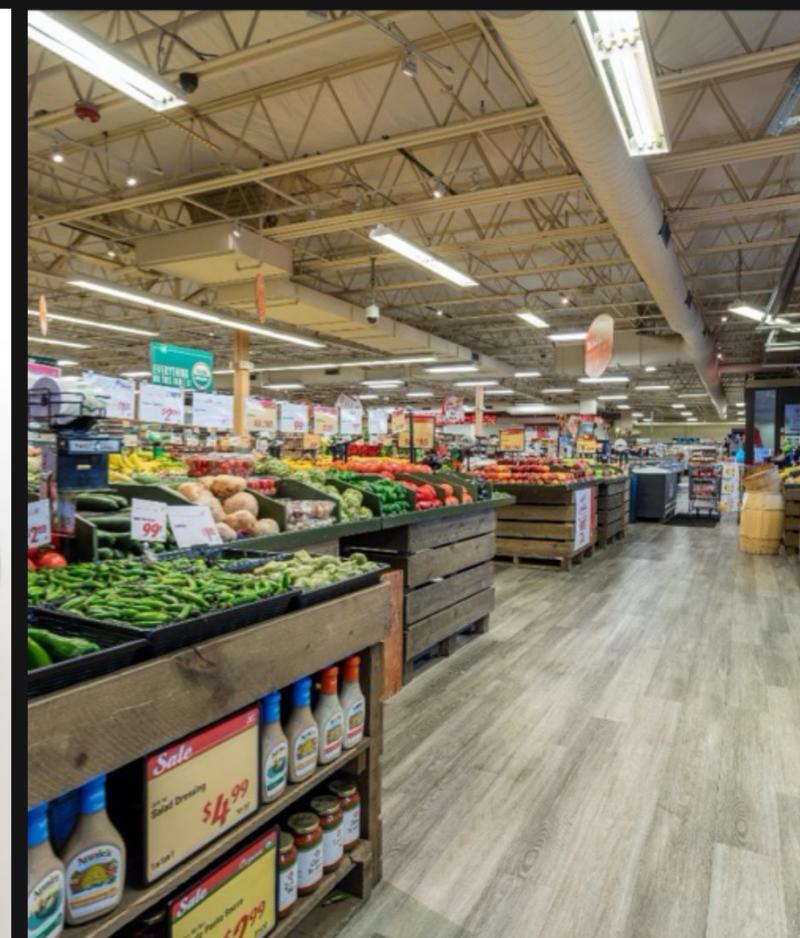
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FLOATING INSTALLATION

6' WIDE ROLLS

Faster coverage

FIBERGLASS CORE LAYER

Provides Jona 2000 with greater stability

SPECIAL EMBOSSED BACK LAYER

Keeps Jona 2000 in place under most rolling loads



JONA 2000 IS THE ONLY FULL FLOATING MEMBRANE ON THE MARKET THAT OFFERS:

- Excellent acoustic benefits
- Moisture control of up to 100% RH
- Low installed price
- Fast and easy installation
- Works with all flooring adhesives





JONA PANEL SALES INC.
PROGRESSIVE & INNOVATIVE GREEN PRODUCTS

WWW.JONAPANELS.COM

1-250-861-5140

Head Office

INFO@JONAPANELS.COM

Email address

CONTACT DETAILS

FOR MORE INFORMATION OR
TO ANSWER ANY QUESTIONS