WATERTIGHT DECKING

Waterproof Decking

Versadeck™ Watertight Polyurea Coated Aluminum Decking

Create a Dry Space Below Without the Puddles Above

Versadry™

No Ping Sound

Stays Cool

Scratch & Stain Resistant

THICK Comfort Coating

GO GREEN

Dry-Clips Prevent Water Puddling

Watertight - Built with Gasket Seals

Versatile Drainage Options

Environmentally Responsible

Non-Combustible - Class A

Available in Lengths up to 32'

Visit our site to learn more about Versadeck

R-40 Aluminum Waterproof Decking

www.versadeck.com

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Why Versadeck / Versadry?

1. Our Coatings  It's not paint
   (60-80 mils thick)
   - Cooler in Sun
   - Rich Look & Feel
   - No Ping Sound
   - Scratch/Wear Resistant
   - Natural Texture
   - Class “A”

THICK Comfort Coating

2. Dry Clip Design  No Puddles & No Leaking
   - Water Drains
   - No Puddles On Top
   - Water Drains

Gasket Seal #2

Clips in Seal #1

Dry Clip Gutter

Watertight Below

The Others - Pay less and get this

A Metal Deck with Thin Paint on top

- Puddles water pools on top
- Squeaks & Creeks metal on metal joint
- Metal Look sound & feel
- Ribbed industrial look
- Thin paint coating (only 2-4 mils thin)
- No Gaskets (can’t truly be watertight?)

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Drainage Options

- No Puddles on Top: Dry Clip drains water immediately
- 60 mil Thick Coating: Rich natural look, sound & feel
- No Squeaks or Creeks: Clips together snug & quiet
- Built with Gasket Seals: 100% Watertight dry below
- **Drainage Options:** Dry Clips create drainage versatility:
  - Water can drain at the ends, sides or in the middle of the deck area.
  - Hold Dry Clips short then start with T-clips to end watertight feature.

**Example: 12' x 12' Deck**

<table>
<thead>
<tr>
<th>Part Name</th>
<th>12' Versadry R-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Visual</td>
<td><img src="image" alt="Part Visual" /></td>
</tr>
</tbody>
</table>

**Quantity Required**

- 24

**Create Drain Location**

Stop and start the Dry Clips in any area so water can drop through

**Key**

- R-40 Dry Clip
- R-40 Plank
- Gutter Under Decking

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**R-40 Plank**

- Supports 100 lbs psf at a 24 inch span.
- Supports 60 lbs psf at a 36 inch span.
- Light Weight - 2.9 lbs per sq. ft.
- Available in plank lengths up to 32 ft.
- Ideal for multi-level decks and roof decks
- Environmentally responsible and recyclable.
- Contains zero VOC’s and no solvents.
- NFPA Class "A" fire rated as noncombustible.

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**Dry Clip**

- **Start Option #2**
  - 1/2 Dry Clip
  - 6" Dry Clip
  - Edge Trim
  - Screw

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**The Versatility Deck Designers and Architects Demand**

Versadeck™ Polyurea Coated Aluminum Decking is a high end, high performance decking product combined with the versatility deck designers and architects demand. Create a deck that is multi-functional, efficient and achieve the perfect outdoor deck solution. Why use a product that limits the ability to create an ideal layout? Versadeck™ Decking opens the doors, allowing designers and architects to create deck designs that incorporate plank decking, waterproof decking and modular decking all within one project if needed. No other deck system on the market today can match the Versatility of Versadeck's Three Combine-able Systems.

**Thick Durable Polyurea Protective Coating**

Versadeck™ Decking is covered with a thick polyurea coating that provides comfort, durability and a non-ping sound with a rich quality look and feel. The Versadeck™ thick polyurea coating and design versatility, is what sets Versadeck™ Decking apart from the competition. Versadeck™ Decking is a strong outdoor decking solution designed to provide years of link new performance with minimal upkeep.

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**Eight Deck Colors - naturally rich in look and feel**

- Cherry Brown
- Rustic Brown
- Taupe
- Beige
- Light Clay
- Terracotta
- Light Slate
- Dark Slate

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**Texture Options**  
Choose from three slip-resistant textures or combine as needed.

- **Standard Texture**
  - Ideal for most uses
  - Easiest to clean
  - Use on non-slope areas

- **Extra Texture**
  - Added slip resistance
  - Ideal for Stairs

- **Ultra Texture**
  - Max. slip resistance
  - Ideal for Ramps

Visit our site to learn more about Versadeck R-40 Aluminum Waterproof Decking

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Waterproof with Water Flow and Drainage Control
The Versady™ two piece waterproof aluminum decking system creates drainage and water flow options. Rain water can be directed to flow and drain off the edges of the deck or in a specific location into a midway gutter. A midway gutter can be installed anywhere between two joists by simply stopping and starting the Dry Clip channels leaving a two inch gap for the water to drop through. The water then drains into a gutter installed under the bottom of the decking parallel between two joists. You can also omit the Dry Clip altogether in an area where the deck doesn't need to be waterproof. These options can all be performed without splicing the planks. The result is a continuous consistent plank look from above, with a dry space storage area below with water flowing and draining at ideal locations. (see detailed diagrams next pages)

Waterproof Decking Attachment to a Wall
A Versady™ Dry Clip is hooked onto the first plank and flipped into a vertical position to the the first plank leg up against the wall. Another Dry Clip is then connected to the other plank leg in the standard horizontal position. The top of the first vertical positioned Dry Clip is then screwed into the wall and covered with flashing, sealed and overlapped with siding. The horizontally positioned Dry Clip is then screwed down to the supporting structure (the next plank to install will connect here). The first plank is now installed and you are ready to install the second and all the intermediate planks. (see detailed diagrams next pages)

Plank to Plank Aluminum Decking Attachment
The Versady™ Dry Clip extrusion creates a watertight gasket seal and fastens the decking to the supporting structure at the same time. The first plank to install should be the one that connects at the building wall. The second plank is then hooked and locked into the previously installed Dry Clip. A Dry Clip is then connected to the other plank leg and fastened to the supporting structure. Repeat this step on intermediate planks. Once intermediate planks are installed, the final finish plank is ready to be installed. (see detailed diagrams next pages)

Finish Plank Aluminum Decking Attachment
The final plank to be installed may fit perfectly without it needing to be rip cut to fit. In this case a screw can be installed through the outer plank leg fastening it to the supporting structure. If the last plank needs to be rip cut to line up with the outer deck rim, a filler may be needed to support the cut plank end. After installing the filler block, cover the cut end of the plank with edge trim to hide the cut and filler for a clean finished look. (see detailed diagrams next pages)
• Supports 100 lbs psf at a 24 inch span.
• Supports 60 lbs psf at a 36 inch span.
• Light Weight - 2.9 lbs per sq. ft.
• Available in plank lengths up to 40 ft.

• Ideal for multi-level decks and roof decks
• Environmentally responsible and recyclable.
• Contains zero VOC's and no solvents.
• NFPA Class "A" fire rated as noncombustible.

Hang planks and dry clips past finished deck edge/fascia trim material at least 1/2" up to 1 - 1/2" to help minimize water wicking/capillary action. The edge trim should also be sealed at all deck edges for this same reason.

Hold edge trim out 1/2" up to 3/4" allowing water to drain out of the dry clips.

VersaDeck® Dry Decking System

Full Plank at End

Dry Clip

Caulk

Tex screw

R-40 Plank

Gaskets

#10x2.75" screws

Flexible flashing tape

Anti-corrosion barrier

Anti-capillary action/wicking

Deck Frame/Joists

Edge Trim

(held tight on non-drainage sides of deck)

Fascia

Tex screw/trim nail

Ripped Plank at End

Screws

#10x2.75"

Flexible flashing tape

Anti-corrosion barrier

Anti-capillary action/wicking

Fascia

Tex screw/trim nail

With Gutter

Flexible flashing tape

Anti-corrosion barrier

Anti-capillary action/wicking

Deck Frame/Joists

Edge Trim

Drip Edge

Gutter

(by others) (optional)

Fascia

Tex screw/trim nail

No Gutter

Flexible flashing tape

Anti-corrosion barrier

Anti-capillary action/wicking

Fascia

Tex screw/trim nail

Deck Edges and Drainage End

R-40 Plank

Dry Clip

Fascia

Joist

Rim Joist

Edge Trim

Flexible flashing Anti-wicking

Drip Edge Flashing

(stops water from rolling down the fascia board)

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Stucco (side view)

- Caulk between flashing and decking use polyurethane caulk sealant (Vulkem 116 gun grade caulk)
- When decking runs perpendicular to the building wall, fill dry clip channel end at building wall. Use polyurethane caulk sealant (Vulkem 116 gun grade caulk)

Lap Siding (3-D view)

- Exterior siding/trim
- Building paper
- Flexible flashing self sealing tape
- Metal flashing#2 (deck to wall)
- Metal flashing#1 (Ledger top Z-flashing)
- Wall sheathing
- Edge Trim (aluminum angle)
- Fascia (deck framing rim joist/trim board)
- Caulk between edge trim and plank top

The diagrams show the decking running perpendicular to the building wall. The same details apply if decking runs parallel to the building wall with the exception of filling the dry clip channel ends at building wall.

Consult with a Versadeck Expert Designer. There are other details not shown on this site that may be the best design for your deck. The above illustrations may not display the best solution specific to your application.
**WATERPROOF DECKING SYSTEM**

!! Slope deck at least 1/8" per foot towards the drainage end/side of deck !!

- Start and stop the dry clips, leaving a 2" gap so water can drop through the deck at the desired location.
- Install a gutter under the decking between any two Joists to capture the water draining out of the dry clips.
- Water drains out of the dry clips, off the deck surface to the ground or into a gutter sloped to a down spout.

**Drainage Options**

1. **Wall**
   - Side Drainage Option #1
   - Front Drainage Option #2
2. **Wall**
   - Midway Drainage Option #3
   - 2" Gap

**Plank/Dry Clip Assembly**

1. **Wall**
   - Attach Dry Clips To First Plank
   - Position & Fasten With Screws
2. **Wall**
   - Attach Dry Clip To Next Plank
   - Hook Lock & Fasten Down
3. **Wall**
   - Repeat Steps 3 & 4

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Add Blocking

If your joists need to run the same direction you will run the planks

This will also make the framing/joists stronger is an added advantage.

1. Cut blocking out of the same joist material, then install them between joists.

2. Most building codes do not require joist hangers. 3-4 nails per side.

3. Install decking perpendicular to the supporting joists. Decking fastens to blocks.

4. Polyurethane sealant is used at wall/provided by Versadeck. Flashing will go over next.

5. Wall flashing is installed over the sealant immediately after. The siding/trim will cover.

Above diagram is a common detail, your project may require a slight variation, always have Versadeck do the design take off or review plans by others before ordering.