dassoXTR
Fused Bamboo® for Exterior Use

dassoXTR Fused Bamboo® Soffit, Deck Skirting & Wainscoting Installation Guidelines

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IMPORTANT: Failure to read and adhere to these installation guidelines could void the manufacturer's warranty. These installation guidelines are based on the manufacturer's experience with normal applications and are not intended to cover every installation or building code requirement, detail or variation.

If questions arise concerning the product or its suitability for a particular use, contact your architect or engineer. Any unapproved deviation from these procedures and local building codes shall be solely at the risk of the installer. The project architect, engineer, or designer is also responsible for designing a proper building envelope for moisture control an heat release. Uncertainty or ambiguity should always be discussed with the local building department.

dassoXTR Fused Bamboo®

For best results, dassoXTR should be kept out of direct sunlight and should not be exposed to inclement weather before installation. dassoXTR can be installed right away; there is no need to wait for the material to acclimate to its surroundings.

When the dassoXTR material arrives on the jobsite, keep it off the ground by placing a few pieces of lumber underneath the packaging. Cover material with a tarp to protect it from weather and sunlight before installation. Like hardwood, Fused Bamboo is photosensitive and tarping the material will protect the material from pre-installation UV light color change caused by the sun. When exposed, the unexposed areas, like under banding straps, will darken to match the already exposed areas, but by tarping you prevent having to explain this temporary appearance.

Product Performance

dassoXTR is manufactured and inspected to ensure the highest-quality. However, Fused Bamboo is a natural product and is subject to normal variations inherent in natural products. Fused Bamboo, like wood, is subject to "weathering"—color changes due to exposure to sunlight, rain, snow, and continuous natural cycles. With the proper application of sealers and finishes, the effects of weather and time can be limited on Fused Bamboo.

Safety and Installation Tips

Drilling, sawing, sanding, and machining bamboo/ wood generates wood dust. Avoid inhaling wood dust by wearing a dust mask. *Visit dassoXTR.com for MSDS information.* When drilling dassoXTR, always use high-quality drill bits. When you are drilling into the face, we recommend using a countersink bit with a positive stop. This will ensure a consistent depth for all the screws. dassoXTR can be routed or planed with high-speed steel or carbide cutters.

When required, only sand in the direction of the grain—i.e. belt sander. Never use an orbital sander.

Cross cut ends: Use a cross cut end sealer as part of the normal installation production to help prevent splitting and checking at the ends of the boards. We recommend that all boards be end sealed as soon as reasonably possible after cutting, using a clear, water-resistant wax. Anchorseal from UC Coatings is one of the most well-known end sealer products, although there are others available.

NOTE: *Failure to end seal the boards at the time of installation will void any claims made against the warranty.*

NOTE: Local building codes must always be consulted when building an exterior deck. Most counties require building permits.

Soffit Project

Consult your local building code and architects or designer for specific requirements. When using the material as soffit, it is suggested that dassoXTR Soffit Shiplap planks be installed on grits or joists with a maximum span of not more than 4' (16", 24", 36", and 48" are all acceptable). Ensure you know which surface is the facial (the thinner surface is the facial). Use self-tapping screws for grits and wood screws for wooden joists. The shiplap planks are designed to install with specific field clip/ fastener SKU#: ASF-FC2-BK. Every end-matched tongue and groove should be leveled with field clips on each side even if the join does not fall on a grit or joist.

ASF-FC2-BK Soffit Field Clips

The field clip will ensure the ends are flush with the row of soffit planks next to the end matched joint. Each row must be staggered so that the joints are not aligned together on the same position. Use D-Plug from Eisen, SKU# AGN-PSc-xxx (x denotes unite per pack) on the starter and ending row. Adjust the depth of countersink hole to 3/8" (9.5mm) by shimming the setter with a washer that is 1/8" (3.2mm) thick. Remember to shim between the joist and the soffit with 3/16" (4.5mm) shim to keep the surface leveled. A starter clip/fastener is also available (SKU#: ASF-SC1-BK) should you prefer this over D-Plug. Trim could be used to cover the perimeter of soffit if it is desirable.

ASF-SC1-BK Soffit Starter Clips

Deck Skirting Project

When using the material as Deck Skirting, it is suggested that dassoXTR Shiplap planks be installed on a framing structure with a maximum span of 2' (16" and 24" only). Ensure you know which surface is the facial (the thinner surface is the facial). The shiplap planks could be nailed or screwed directly to the framing. Use hidden or non-visible nails or screws for best visual effect. Eisen field clip/fastener SKU#: ASF-FC2-BK and starter clip/fastener SKU#: ASF-SC1-BK is recommended for the project but the installer needs to make their own judgement if the fastener is suitable for his project. For a sturdy skirting surface, the joints must be laid on joists. Use D-Plug from Eisen, SKU# AGN-PSc-xxx (x denotes unit per pack) on the starter row and ending row. Adjust the depth of the countersink hole to 3/8" (9.5mm) by shimming the setter with a washer that is 1/8" (3.2mm) thick. Planks can be laid vertically or horizontally.

Deck Skirting Project

When using the material as wainscoting or interior wall cladding, it is suggested that dassoXTR Shiplap planks be installed as sheathing or on batten with a maximum span of 2' (16" and 24" only). Ensure you know which surface is the facial (the thinner surface is the facial). The shiplap planks are designed to install with specific field clip/fastener SKU#: ASF-FC2-BK. Every end-matched tongue and groove should be leveled with field clips on each side even if the join does not fall on a grit or joist.

The field clip will ensure the ends are flush with the row of soffit planks next to the end-matched joint. Use D-Plug from Eisen, SKU# AGN-PSc-xxx on the starter row and ending row. Adjust the depth of the countersink hole to 3/8" (9.5mm) by shimming the setter with a washer that is 1/8" (3.2mm) thick. Remember to shim above the planks with a 3/16" (4.5mm) shim to keep the surface leveled. Planks can be laid vertically or horizontally. When planks are installed vertically, D-Plug has to be used on every row along the bottom and top of each row to secure the planks. On every interval of 18' (3 planks' length), the planks have to be secured directly to the wall for additional strength.

Fastening

Set elevation lines across the wall surface to ensure that the required level is maintained during installation. When installing, start at the base and move upward in complete rows. Check your alignment and level shiplap installation of each row. When fastening the top of the last row of your project, the final/top row may need to be ripped to the proper width, pre-drilled, face screwed and plug.

Soffit facial side with drill screw and plug

Fastening (cont.)

- Use the right screw type based on your wall substrate. Your wall substrate should be sturdy enough to support your dassoXTR facial planks.
- Use 2 screws per field clip for soffit and deck skirting projects and 1 screw for wainscoting and interior wall project.
- Use 1 screw per starter clip.
- For shimming, when required due to inconsistencies in the wall, we recommend the use of wood/plastic shims behind the clip that are the same coverage area as the clip to maintain a stable surface for the clip.
- Always begin clip application at one end and proceed to the other end.
- Position field clips so that fasteners are centered over batten and/or studs, except where butt joints occur.
- The fastener for penetrating the batten must be long enough to penetrate the 3/4" 1x2 and sheathing into the stud.