BEAM SIZES

BEAM SIZES ARE DIMENSIONED WIDTH X HEIGHT

PROFILES ARE AVAILABLE IN 1/2" INCREMENTS, CONTACT HUNTER DOUGLAS FOR OTHER SIZES

MAX LENGTHS MAY BE PROFILE-SPECIFIC, CONTACT HUNTER DOUGLAS

BEAM LENGTHS AVAILABLE IN ±1/4" INCREMENTS, MINIMUM QUANTITIES MAY APPLY

BEAM MATERIAL

.032" | .040" ALUMINUM

BEAM FINISHES

PAINTED & POWDER COATED
DECORATED WOOD FINISH (POWDER COATED)
LAMINATED WOOD FINISH (FILM)

PERFORATIONS

STANDARD PERFORATION BORDERS ARE 1/4" NOM.
TYPICAL SECTIONS

48" MAX MAIN TEE SPACING, TYP.
12" MAX BEAM OVERHANG, TYP.
48" MAX HANGER WIRE SPACING, TYP.
2" HANGER BRACKET ASSEMBLY
15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE, BY OTHERS, TYP.
TWO (2) MIN #6 FASTENERS PER BEAM/HANGER BRACKET, BY OTHERS, TYP.
2" X 6" TAVOLA PRIME BEAM SHOWN, ALL SIZES SIMILAR

NOTE:
ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

INTERIOR INSTALLATION

12 GA HANGER WIRE BY OTHERS, TYP.
15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635, BY OTHERS, TYP.
TWO (2) MIN #6 FASTENERS PER BEAM/HANGER BRACKET, BY OTHERS, TYP.
2" HANGER BRACKET ASSEMBLY
2" X 6" TAVOLA PRIME END CAP
2" X 6" TAVOLA PRIME BEAM SHOWN, ALL SIZES SIMILAR
6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.
6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.

SPECIFICATIONS
(unless noted otherwise)

MATERIAL: .032" | .040" ALUMINUM
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LAMINATED WOOD FINISH
PERFORATION: NON-PERFORATED | #106 | #115 | #119

PROJECT: TAVOLA PRIME & TAVOLA TALL PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLAPRIME&TAVOLATALL_TECHDETAILS_CTC_2009
SHEET: 3 OF 12
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 9/21/20
**NOTE:** ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

**SPECIFICATIONS**

- **MATERIAL:** 0.032" | 0.040" ALUMINUM
- **FINISH:** PAINT | POWDER COAT | DECORATED WOOD FINISH | LAMINATED WOOD FINISH
- **PERFORATION:** NON-PERFORATED | #106 | #115 | #119

**DRAWING NUMBER:** TAVOLAPRIME&TAVOLATALL_TECHDETAILS_CTC_2009

**DATE:** 9/21/20
1. Lift hanger bracket assembly into position on main tee and squeeze scissor clip onto main tee web.

2. Remove liner from double-sided adhesive on bottom splice plate and secure halfway into first Tavola prime beam.

3. Feed second Tavola prime beam onto hanger bracket assembly and bottom plate. Secure with two (2) Min #6 fasteners.

Non-splice locations: Only two (2) fasteners (1 per side) are required and bottom plate is omitted.

4. Feed first Tavola prime beam halfway onto hanger and secure with two (2) Min #6 fasteners (by others).

SPECIFICATIONS (unless noted otherwise)

- **MATERIAL: .032” | .040” ALUMINIUM**
- **FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LAMINATED WOOD FINISH**
- **PERFORATION: NON-PERFORATED | #106 | #115 | #119**

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HANGER BRACKET ASSEMBLY INSTALLATION

PROJECT: TAVOLA PRIME & TAVOLA TALL PRODUCT SPECIFICATIONS

DRAWING NUMBER: TAVOLAPRIME&TAVOLATALL_TECHDETAILS_CTC_2009

SHEET: 5 OF 12

SCALE: NOT TO SCALE

DRAWN BY: HD ENGINEERING

DATE: 9/21/20

*VERTICAL SUPPORT OMITTED FOR CLARITY

**2” X 6” BEAM SHOWN, ALL SIZES SIMILAR
1. AT SLOPED OR CURVED CONDITIONS, INDEX MAIN TEE WITH FASTENER FROM BELOW.
2. INSERT HANGER BRACKET/PIVOT ASSEMBLY ONTO MAIN TEE AND ROTATE TO ENGAGE TWIST CLIP.
3. FEED FIRST TAVOLA PRIME BEAM HALFWAY ONTO HANGER BRACKET AND SECURE WITH TWO (2) MIN #6 FASTENERS.
4. REMOVE LINER FROM DOUBLE-SIDED ADHESIVE ON BOTTOM SPLICE PLATE AND SECURE HALFWAY INTO FIRST TAVOLA PRIME BEAM.
5. FEED SECOND TAVOLA PRIME BEAM ONTO HANGER BRACKET ASSEMBLY AND BOTTOM PLATE AND SECURE WITH TWO (2) MIN #6 FASTENERS.
6. ENSURE TAVOLA BEAM IS PLUMB AND TIGHTEN 1/4"-20 NYLOCK NUT.

NON-SPlice LOCATIONS: ONLY TWO (2) FASTENERS (1 PER SIDE) ARE REQUIRED AND BOTTOM PLATE IS OMITTED.

SLOPED OR CURVED 15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635

HANGER BRACKET/PIVOT ASSEMBLY

2-Piece TAVOLA PRIME BEAMS REQUIRE 2 BOTTOM SPLICE PLATES PER SPLICE CONDITION

SPECIFICATIONS

UNLESS NOTED OTHERWISE

MATERIAL: .032" .040" ALUMINUM

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LAMINATED WOOD FINISH

PERFORATION: NON-PERFORATED | #106 | #115 | #119
INTEGRAL METAL END CAP
PAINTED & POWDER COATED FINISHES
END CAP IS FACTORY-FORMED AND FACTORY-POP-RIVETED
MAY BE LIMITED BY PROFILE SIZE AND BEAM LENGTH

METAL END CAP
PAINTED, POWDER COATED, & DECORATED WOOD FINISHES

1. INSERT END CAP ONTO BEAM END AND ENSURE CAP INSERT GOES INSIDE OF BEAM
2. SECURE END CAP WITH TWO (2) MIN #6 FASTENERS

*2" X 6" BEAM SHOWN, ALL SIZES SIMILAR
ACCESSIBLE TAVOLA PRIME BEAMS MUST HAVE MIN TWO (2) HANGER BRACKET ASSEMBLIES, TYP.

FIELD CUT BEAMS TO CREATE ACCESS AREAS. USE END CAPS AT FIELD CUT ENDS AND CREATE 1/2" GAP BETWEEN END CAPS.

ADD MAIN TEES AS REQUIRED TO SUPPORT FIELD CUT BEAM ENDS, TYP.

15/16" CROSS TEE

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635

FIELD CUT BEAMS TO CREATE ACCESS AREAS. USE END CAPS AT FIELD CUT ENDS AND CREATE 1/2" GAP BETWEEN END CAPS.

SQUEEZE SCISSOR CLIP TO RELEASE BEAM ASSEMBLY FROM MAIN TEE (USE CHANNEL LOCKS IF NEEDED)

PLENUM ACCESS

*VERTICAL SUPPORT OMITTED FOR CLARITY

**2" X 6" BEAM SHOWN, ALL SIZES SIMILAR
**2" X 6" BEAM SHOWN, ALL SIZES SIMILAR**

48" MAX MAIN TEE SPACING, TYP.

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE, TYP.

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635*

ADD MAIN TEES (AND HANGER WIRE) AS REQUIRED TO MAINTAIN 12" MAX BEAM OVERHANG, TYP.

ADD END CAPS AT BEAM TERMINATIONS, TYP.

FIELD CUT BEAMS AT FIXTURE, TYP.

6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635

ADD MAIN TEES (AND HANGER WIRE) AS REQUIRED TO MAINTAIN 12" MAX BEAM OVERHANG, TYP.

ADD END CAPS AT BEAM TERMINATIONS, TYP.

FIELD CUT BEAMS AT FIXTURE, TYP.

12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

FIELD CUT BEAMS AT TERMINATIONS, TYP.

12 GA HANGER WIRE BY OTHERS, TYP.

CONTINUOUS BEAM BEYOND 12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

FIELD CUT BEAMS AT FIXTURE, TYP.

12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

2" X 6" TAVOLA PRIME BEAM**

6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.

SECTION 'A'

SCALE: 1" = 1'-0"

SECTION 'B'

SCALE: 1" = 1'-0"

ADD MAIN TEES (AND HANGER WIRE) AS REQUIRED TO MAINTAIN 12" MAX BEAM OVERHANG, TYP.

ADD END CAPS AT BEAM TERMINATIONS, TYP.

FIELD CUT BEAMS AT FIXTURE, TYP.

2" X 6" TAVOLA PRIME BEAM**

12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

PROJECT: TAVOLA PRIME & TAVOLA TALL PRODUCT SPECIFICATIONS

DRAWING NUMBER: TAVOLA PRIME & TAVOLA TALL_TECHDETAILS_CTC_2009

SHEET: 10 OF 12

DRAWN BY: HD ENGINEERING

DATE: 9/21/20

SPECIFICATIONS

(UNLESS NOTED OTHERWISE)

MATERIAL: .032" | .040" ALUMINUM

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LAMINATED WOOD FINISH

PERFORATION: NON-PERFORATED | #106 | #115 | #119

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*VERTICAL SUPPORT OMITTED FOR CLARITY

**2" X 6" BEAM SHOWN, ALL SIZES SIMILAR
CORNER BRACKET INSTALLATION

1. Feed top corner bracket assembly into factory-mitered beam and align pop rivet holes.

2. Secure top corner bracket assembly with four (4) 1/8" pop rivets.

3. Use double-sided adhesive to secure bottom corner bracket into beam.

4. Feed second beam into brackets and secure with four (4) 1/8" pop rivets.

5. Lift corner assembly into position and on main tee and squeeze scissor clip onto main tee web.

8. (8) 1/8" pop rivets required at top corner bracket, by others, typ.

9. View from below

Scale: Not to scale

Specifications

Material: .032" | .040" aluminum

Finish: Paint | Powder coat | Decorated wood finish | Laminated wood finish

Perforation: Non-perforated | #106 | #115 | #119

Corner Conditions

Project: Tavola Prime & Tavola Tall Product Specifications

Drawing Number: TavolaPrime&TavolaTall_TechDetails_CTC_2009

Sheet: 11 of 12

Scale: Not to Scale

Drawn by: HD Engineering

Date: 9/21/20

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LATERAL BRACING:
BRACE WITH HANGER WIRES AND STRUTS PER ASTM E-580 AND IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS. 

(4) #12 GAUGE WIRES SPLAYED 90° FROM EACH OTHER AT ANGLE NOT EXCEEDING 45° FROM PLANE OF CEILING. A STRUT FASTENED TO MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO STRUCTURE ABOVE. SPLAYED WIRE AND STRUT BRACING TO BE PLACED NOT MORE THAN 12 FEET ON CENTER IN EACH DIRECTION, WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL.

INTERIOR INSTALLATION

2" X 6" TAVOLA PRIME BEAM SHOWN, ALL SIZES SIMILAR

SPECIFICATIONS
MATERIAL: .032" | .040" ALUMINUM
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LAMINATED WOOD FINISH
PERFORATION: NON-PERFORATED | #106 | #115 | #119

SEISMIC SPECIFICATIONS
PROJECT: TAVOLA PRIME & TAVOLA TALL PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLAPRIME&TAVOLATALL_TECHDETAILS_CTC_2009
SHEET: 12 OF 12
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 9/21/20