



RULON INTERNATIONAL

## ACCENT BEAM DATA SHEET

SYSTEM: BEAM

PROFILE: DECORATIVE



### Overview



#### SYSTEM

Rulon's Accent Beams compliment a variety of wood ceiling styles. They are light weight and easily installed, not requiring heavy structural support framing. A wide range of design choices, Accent Beams can be manufactured flat, vaulted, or to a specific radius, in depths and thickness to accommodate each ceiling installation. Accent Beams are a cost-effective way of enhancing a ceiling without the expense encountered with traditional field built assemblies or solid wood beams. Structural features can be hidden inside the beams making high-end designs very affordable, due to quick and easy installation. Accent Beams also work well with other wood ceiling systems.



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### Technical Data

#### VARIABLES



##### ENGINEERING CONSIDERATIONS

Accent Beams are manufactured at Rulon's plant in St. Augustine, FL. All shop drawings and coordination details are produced by Rulon's engineering staff.



##### ACCESSIBILITY

Accent Beams are a fully-accessible Rulon ceiling or wall system unless direct-screwed to heavy duty grid. Attachment is standard #12 Ga. wire or threaded rod, supplied by others. Hangers are attached to the factory-installed internal bracing material.



##### ACOUSTICS

Accent Beams are manufactured without acoustics in mind as they are designed to be an aesthetic focal point of an occupied space. Accent Beams are acoustically reflective. Attenuation blankets could be added to the inside of the beam to provide minimal acoustical absorption.



##### SUSTAINABILITY

Accent Beams may contribute as required to the following LEED v4 credits: [MR BPD&O – Sourcing of Raw Materials](#), [MR BPD&O – Material Ingredients](#), [EQ Low-Emitting Materials](#), [EQ Minimum Acoustic Performance](#)



##### FIRE PERFORMANCE

Accent Beams can be treated to meet **Class A** requirements as per ASTM E-84. Veneers are applied to an FR (Fire Rated) core (typically MDF or Particleboard).



##### SEISMIC

Accent Beams meet seismic code compliance via direct screw attachment to heavy duty grid. Local code requirements should be consulted in order to determine additional requirements.



##### INTEGRATIONS

Accent Beams can be easily trimmed in-field to accommodate MEP integrations. Touch-up finish and edgbanding is supplied to veneer and seal cut sections. In-factory cutouts can be achieved with dedicated coordination and in conjunction with the [Integrated Lighting<sup>D</sup>](#) program at Rulon.



##### GENERAL COSTING

Accent Beams are typically a moderately priced system depending on the material and manufacturing requirements. Accent Beams qualify as **\$\$\$** on the general costing scale. Local reps should be contacted in order to obtain a project-specific budget.



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## Specification

### COMPONENTS

#### HANGERS

#12- gauge wire hangers (contractor-supplied).

#### SUSPENSION SYSTEM

Accent Beams use a standard #12 Ga. wire or threaded rod, supplied by others. Hangers are attached to the factory-installed internal bracing material (see drawing B0000001).

#### SIZES

Accent Beams are constructed with veneer adhered to a wood substrate (typically MDF or Particleboard). Internal bracing members are factory-installed for rigidity and suspension. Panels are made from premium grade veneers on a pressed wood substrate. Face veneer is finished to customer requirements. Panels may be manufactured in lengths up to 10' [3048 mm].

#### PERIMETER TRIMS

Ceiling termination at a wall or soffit is accomplished using Rulon perimeter trim #101 (see drawing CCX00006).

### WOOD SELECTIONS

#### WOOD SPECIES

Accent Beams may be specified in a variety of veneer species. Current standard wood species are: Ash, Maple, Red Oak, White Oak, Beech, Poplar, and Cherry. Premium veneers and non-wood laminates are available.

#### TEXTURES

The standard surface texture is smooth-sawn. Faces are sanded.

### FINISHING & COMPONENTS

#### WOOD FINISHES

The standard finish is satin clear. Custom stains, opaque or semi-transparent colors are also available. All finishes are water based, low VOC-emitting, and do not contain solvents.

### SHIPPING & STORAGE

#### SHIPPING

Accent Beams are shipped on skids in shrink wrap packaging.

#### STORAGE

Accent Beams shall be stored flat and level, in a fully enclosed space. For a minimum of seventy-two (72) hours immediately prior to ceiling installation, the packaging shall be opened and the beams shall be stored in the room in which they will be installed. The temperature and humidity of the room shall closely approximate those conditions that will exist when the building is occupied. Beams must be stored off the floor.



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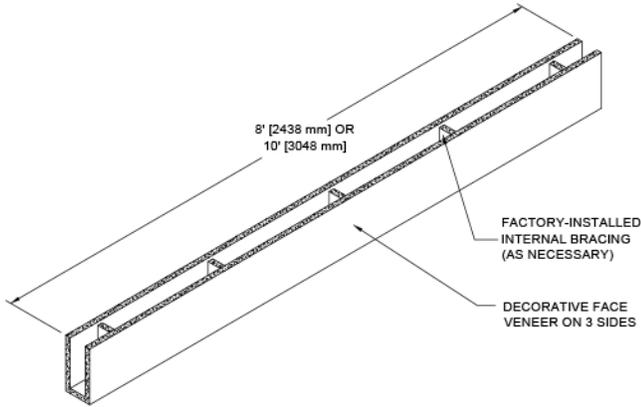
# ACCENT BEAM DATA SHEET

SYSTEM: BEAM

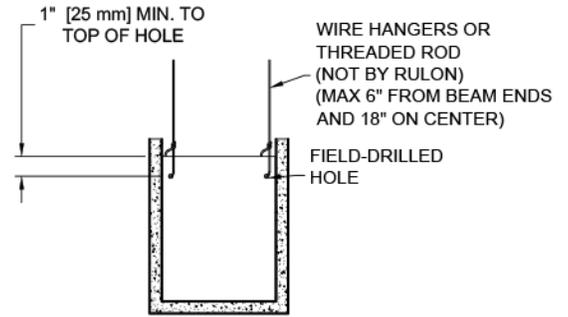
PROFILE: DECORATIVE



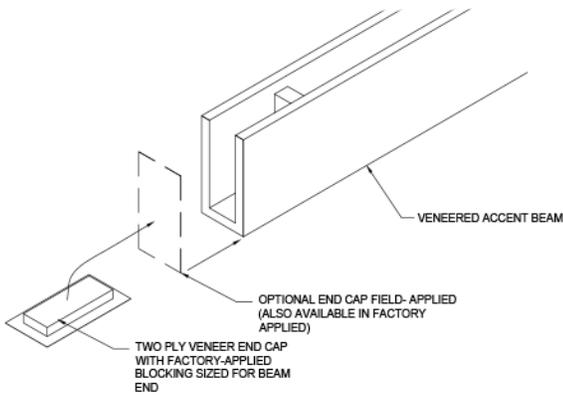
## Typical Details



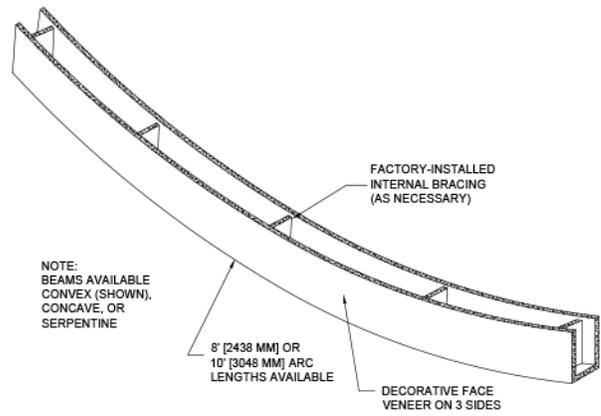
ISOMETRIC



SECTION



END CAP



CURVED BEAMS



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### Notes

<sup>A</sup> Not used.

<sup>B</sup> Not used.

<sup>C</sup> Not used.

<sup>D</sup> The Integrated Lighting program at Rulon is in partnership with GE Lighting and is an effort to coordinate MEPs more effectively and provide for a more streamlined process of integration. In practice, this effort begins with factory cutouts to accommodate light fixtures.

<sup>E</sup> Not used.

<sup>F</sup> Not used.

<sup>G</sup> Not used.

<sup>H</sup> Not used.

<sup>I</sup> Not used.

<sup>J</sup> Not used.

<sup>K</sup> Not used.

<sup>L</sup> Not used.