

ORDERING OBERON SUSPENDED CEILING AP ENCLOSURES

Oberon's *standard* ceiling tile wireless access point enclosures have a flange which is 23 ¾" x 23 ¾". This is the same as a standard ceiling tile in the United States. These are designed to fit into a ceiling tile suspension grid which measures 24" x 24" T-bar center to center. The tile is ¼" smaller than the suspension grid T-bar spacing so the tile fits easily into the grid. Oberon's *standard* ceiling tile enclosures are also designed to match "lay-in" or "flush" ceiling tiles, meaning, the ceiling tile steel flange is flush with the ceiling support grid T-bar.

Recessed grid ceiling systems use "tegular" tiles, wherein the ceiling support grid T-bar is recessed somewhat into the ceiling tile (see figure below). Similarly, Armstrong's Interlude XL HRC Dimensional T grid system is a recessed grid, designed for tegular tiles. For recessed grid ceilings (including Dimensional T), Oberon recommends specifying "-T" (for Tegular) ceiling AP enclosures. Most of Oberon's ceiling enclosures are available as -T models for recessed grid ceilings.

To replace a ceiling tile which is larger than a standard 24" X 24" ceiling tile (such as a 24" x 48" ceiling tile), Oberon recommends that the installer cut the 48" tile in half, and use the 24" half with the Oberon ceiling enclosure, separated by a cross T-bar.

Ceiling systems in Europe, and many other countries, are metric grids and tiles with a nominal 600 mm ceiling grid. Most of Oberon's ceiling enclosures are available as metric sized tiles. Specify "-600MM" when ordering ceiling enclosures for metric ceilings, as shown in the configuration guide below.

As an example, the Oberon Model 1047 configuration guide is shown here

Configurations: Model 1047

Please specify configuration when ordering.

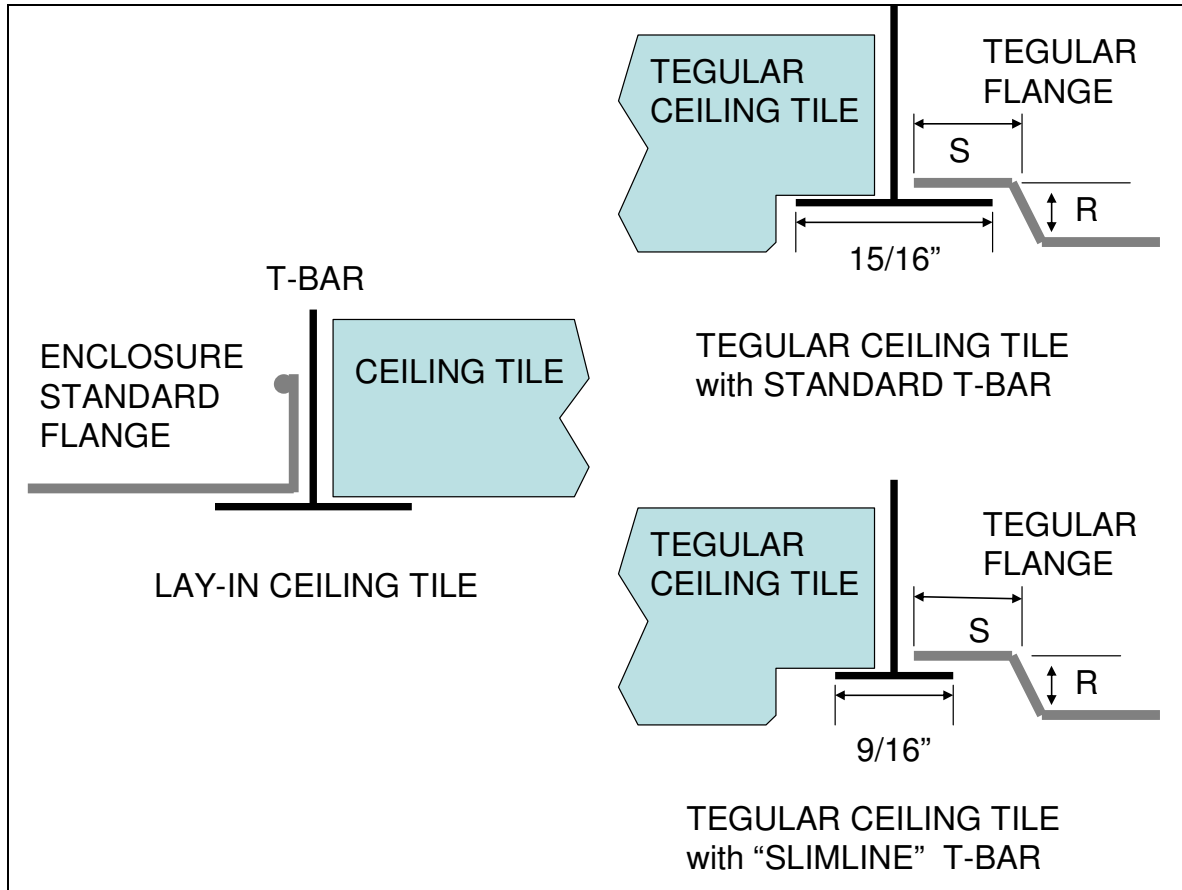
1047- AP DOOR - TILE TYPE - TILE SIZE
 (see Configurations) (-T for tegular flange, (-600MM for European
 otherwise leave blank) metric ceiling grid,
 otherwise leave blank)

Examples:

1047-LPDOME Model 1047 with LPDOME door, flange to match flat lay-in tile, flange size for North American ceiling systems

1047-CCOAP-T-600MM Model 1047 with door for Cisco AP, flange to match tegular ceiling tiles for recessed grid, European metric sized flange

CEILING TILE AND GRID CROSS-SECTIONAL VIEWS



Oberon's standard lay-in flange is shown in the figure on the left. Oberon's tegular flange is shown in the figures on the right. Oberon's tegular ceiling tile-like enclosures are indicated by a "-T", as model 1047-CCOAP-T, for example. Oberon's -T enclosures have the following flange dimensions:

$$R=0.312 \text{ "}$$

$$S= 0.465 \text{ "}$$

Oberon's -T products will fit into either *Standard* and *Slim Line* T-BAR ceiling systems, and Armstrong Interlude XL HRC Dimensional T. For other T-BAR dimensions, please contact your Oberon representative.

NOTE: TEGULAR, METRIC, AND CUSTOM CEILING TILE SIZES ARE SPECIAL ORDER ITEMS AND ARE NOT STOCKED



Oberon Model 1053-00 Wireless Access Point Ceiling Enclosure with Standard Flange



Oberon Model 1053-T Wireless Access Point Ceiling Enclosure with Tegular Flange

OTHER CEILING TYPES

For hard ceilings, drywall ceilings, plaster and lathe, etc. consult your Oberon representative or Oberon website for solutions to mount access points in these ceilings environments.

Concealed spline and other special ceiling systems may require a custom solution. Oberon can build certain models of enclosures as special orders to match ceiling tile appearance or dimensions. For special ceilings please fill in the form below. It is the intention of this form to capture the dimensional details.

SITE INFORMATION: (Please Complete For Each Site Location)

Project Name or Site: _____ Date: _____

Street Address: _____

City: _____

State: _____

Zip: _____

Country: _____

Primary Contact: _____

Telephone No: _____ Fax No: _____

E-mail Address: _____

Number of buildings at Site: _____

Number of enclosures: _____

PLEASE ENTER SITE SPECIFIC CEILING TILE INFORMATION

Ceiling Tile Dimensions: _____ (23 3/4" x 23 3/4" is standard in the U.S.)

Ceiling support grid center to center dimension: _____ (24" x 24" is standard in the U.S.)

Is the Ceiling tile a standard "*lay-in*" or "*tegular*" for use with recessed grid systems? _____

If the Ceiling tile is tegular, does it have a "*standard*" T-BAR or "*Slim Line*" T-BAR? _____