# **ERUV: DIMENSIONS**

# **ERUV BORDER: WALLS**

### Measurements for Walls as Eruv Border

Walls that begin within  $10 \frac{1}{2}$ " (27 cm) of the ground and extend upward to at least 40" (1 m) above the ground are *kosher* as *eruy* walls.

### **Amount of Gap in Eruv Border**

*Eruv* walls must total more than 50% of the *eruv* border on each side, so that most of the expanse of the *eruv* is enclosed, either by an actual wall or by the form of a doorway (*tzurat ha'petach*), with no gate or gap over 10 *amot* (about 16' 8", or 5 m) wide.

NOTE In order to count as part of a border for a private domain, any doorway, gateway, archway, etc., must be intended to be a doorway, gateway, archway, etc.--and not there merely for decoration or function (as in supporting something above).

# **ERUV BORDER: BUILDINGS**

### Measurements for Buildings as Eruv Border

Buildings in a row, more than 10 <u>amot</u> (about 17.5 feet or about 5.3 m) wide and less than 10 <u>amot</u> (about 17.5 feet or about 5.3 m) from the adjacent buildings, constitute one <u>eruv</u> border for a domain and no <u>eruv</u> is needed on that side.

## **ERUV BORDER: BUSHES**

### **Bushes as Eruv Border**

Bushes may be a border if they are:

- So dense that a cat can't walk through them, and
- More than 40" (10 tefachim) high.

## **ERUV BORDER: CARS**

## Car as Eruv Border

You may use a car as a part of an eruv, as long as:

- The bottom of the car is within 10.5 inches of the ground, and
- One side of the car is in line with other parts of the <u>eruv</u>, such as with an actual wall, <u>lechi</u> + mashkof, or steep slope.

# **ERUV BORDER: "DOORWAYS"**

# **LECHI DIMENSIONS**

### **Incline of Lechi**

A lechi for an eruv must be less than 45 degrees from vertical.

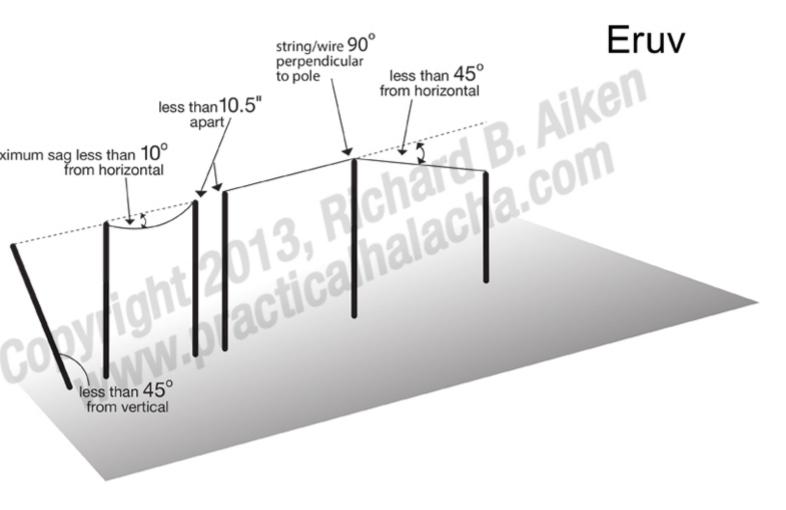
**Thickness of Lechi** 

A <u>lechi</u> for an <u>eruv</u> may be of any thickness and any width; even a string or wire may be used, as long as it is sufficiently tensioned so as not to wave in the wind.

## WIRE DIMENSIONS

## Wire Slope

Slope of the wire at the top (the pseudo-lintel) must be less than 45 degrees from horizontal.

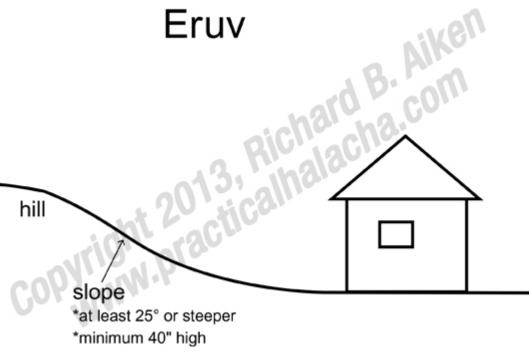


**ERUV BORDER: ROOFS** 

**ERUV BORDER: SLOPES** 

## **Slopes as Eruv Border**

A slope of about 25 degrees from vertical that is steeper than 5 inches vertical for 12 inches horizontal (a 5" rise over a 12" run) constitutes an *eruv* border; it must be at least 40" high.



**Eruv Border: Tree Trunk** 

## Tree Trunk as Eruv Border

You may use the trunk of a tree as part of an *eruv*, but consult a *rabbi* about the spacing and curvature of the roots.

#### **ERUV BORDER: WATER**

## **Slope of Body of Water for Eruv**

A body of water may be an *eruv* border if the land:

- Slopes down into the water 40 inches or more, and
  - Is more than 25 degrees from horizontal.

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