

Pressure-sensitive Safety Mat Checklist

1 - Application: ☐ Machine Safety ☐ Other: _____ (ie. presence/switching)

2 - Mat size: ☐ Single mat, size in inches = _____ x _____

Largest possible single mat size: 48" x 72". For larger sizes we offer multiple mat systems.

☐ Multiple mat system [Please provide detailed drawing indicating sizes]

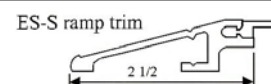
☐ Custom mat [Please provide drawing]

Possibilities: corner cuts, rectangular or square internal shape cuts, multiple zones

3 - Trim: ☐ Aluminum ramp trim all around.

☐ Ramp trim / Machine-side trim on specific sides [Please provide drawing]

☐ No aluminum trim needed.



4 - Cable: ☐ Standard: two 2-conductor cables, each measuring 12 ft long (4 wire style)
 Standard location: middle of the longer side

☐ Specific length: _____ ☐ Specific location: please provide detailed drawing

5 - Controller / switching unit:

☐ Controller needed Bircher controller part # (if known): _____

Voltage: ☐ 24ACDC ☐ 115AC ☐ 230AC

Reset: ☐ Automatic ☐ External (manual) reset

☐ Using existing controller Brand/model: _____

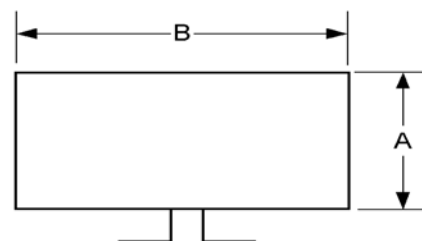
☐ No controller needed

6 - Yellow/black awareness tape for ramp trim: ☐ Yes: ____ rolls (36 yds each) ☐ Not needed

7 - Resistor: Bircher provides one 8.2KOhm resistor free of charge for each mat system

General information:

Mat material: Polyurethane compound
 Color: Black
 Thickness: 0.4" (10mm)
 Weight: approx. 4 lbs/ft² (20 kg/m²)
 Operating Temp.: +32°F to +125°F (0°C to +50°C)
 Max. load: 2900 lbs/in²
 Water resistance: Water resistant (not to be submerged)



Refer to BBC Bircher Smart Access safety mat brochure for additional information