

## 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]

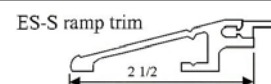
☐ Custom mat [Please provide drawing]

*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: \_\_\_\_\_

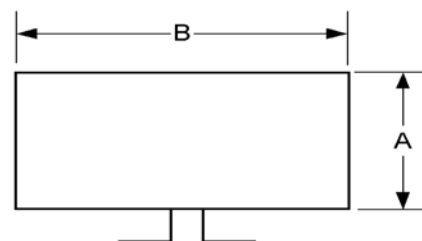
☐ No controller needed

**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/ft<sup>2</sup> (20 kg/m<sup>2</sup>)  
 Operating Temp.: +32°F to +125°F (0°C to +50°C)  
 Max. load: 2900 lbs/in<sup>2</sup>  
 Water resistance: Water resistant (not to be submerged)



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