

# MASONRY Laboratory Website

## Lab 3 – Evaluation of Bond Strength

Lab

[Four-Point Bending Test](#)

[Bond Wrench Test](#)

Extras

[Lab Handout](#)

[Sample Results](#)

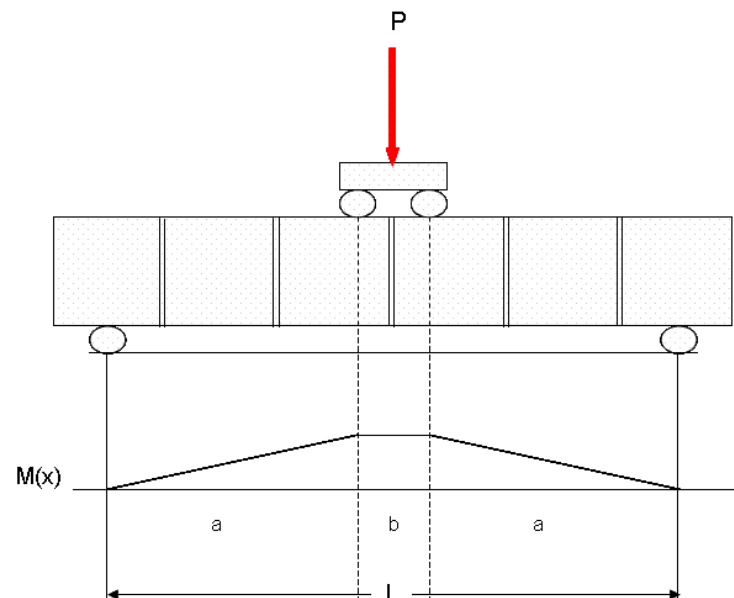
[Sample Lab Report](#)

[Photos](#)

[Lab Equipment and Materials](#)

[Extra Resources](#)

[Lab Worksheet](#)



### Four-Point Bending

Four-point bending is used effectively to measure the bond strength. In four-point bending a uniform maximum moment and an area of tension at the bottom of the specimen is achieved. Failure always occurs at the brick mortar interface and generally occurs at the center joint of the specimen.

Modified ASTM E518 and C67