

ASTM C297 1" BLOCKS TESTING FIXTURE

SANDWICH PANEL FLATWISE TENSILE - 1" BLOCKS

Upper and lower bonding blocks of the equipment are realized each with a double yoke arrangement. This conformation is made in order to allow full alignment of the sample during tensile load. On the testing machine there is an attachment standard 1.25" diameter male studs with 0.50" diameter cross-pin holes. The bonding blocks have 1" square ends. The life of the blocks is doubling because they are designed so that either end of each block can be used as the bonding surface.

The minimum size of bonding blocks recommended in ASTM Standard C 297 is 1" square in cross section.

ASTM standards recommended that no less than five samples for acceptance testing, for this reason five pairs of steel bonding blocks are supplied with each fixture.

Source of Additional Information:

ASTM Standard C 297-04 (Reapproved 2010), "Tensile Strength of Flat Sandwich Constructions in Flatwise Plane," American Society for Testing and Materials, West Conshohocken, Pennsylvania (first issued in 1952).