SHOULDER & BUTTON HEAD GRIPS

Liquid-Applied Membrane Adhesion Fixture EN 14891

Guided fixture for testing liquid-applied waterproofing under ceramic tiles to EN 14891



OVERVIEW

Test fixture for liquid-applied waterproofing products used under ceramic tiling, to EN 14891. The coated substrate is clamped in two guided blocks with wing-nut clamping plates; the blocks are pulled apart to open a crack beneath the membrane and measure its crack-bridging ability. A separate version is available for tensile adhesion strength tests to EN 14891 A.2.

KEY FEATURES

- Built for crack-bridging tests to EN 14891 Annex A.8
- Guide rods keep both blocks aligned while the crack opens
- Clamping plates with wing nuts for tool-free specimen mounting
- Hardened, nickel-plated steel for long service life
- Rated to 10 kN with standard clevis coupling
- Tensile adhesion version available for EN 14891 Annex A.2

TECHNICAL SPECIFICATIONS

Max. load	10 kN (crack-bridging); 5 kN (tensile adhesion)
Test type	Crack-bridging ability; tensile adhesion strength
Material	Steel, hardened, nickel-plated
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; others on request
Temperature range	0 to 70 °C; other ranges on request
Operation	Manual clamping with wing nuts
Scope of delivery	1 fixture

AVAILABLE VERSIONS

Crack-bridging, EN 14891 A.8	Guided fixture, 10 kN, female clevis Ø 15.9 mm (5/8 in)
Tensile adhesion, EN 14891 A.2	Pull-off fixture, 5 kN, male clevis Ø 16 mm

APPLICATIONS

- Waterproofing membranes under tiles
- Tile adhesive and building chemicals
- Construction product certification
- Building materials laboratories

STANDARDS EN 14891

Ordering & customization: Specify the test (crack-bridging A.8 or tensile adhesion A.2), the substrate/specimen size and the coupling of your testing machine.

Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-SH-090

Liquid-Applied Membrane Adhesion Fixture EN 14891

DIMENSIONAL DRAWINGS

FIG. 1

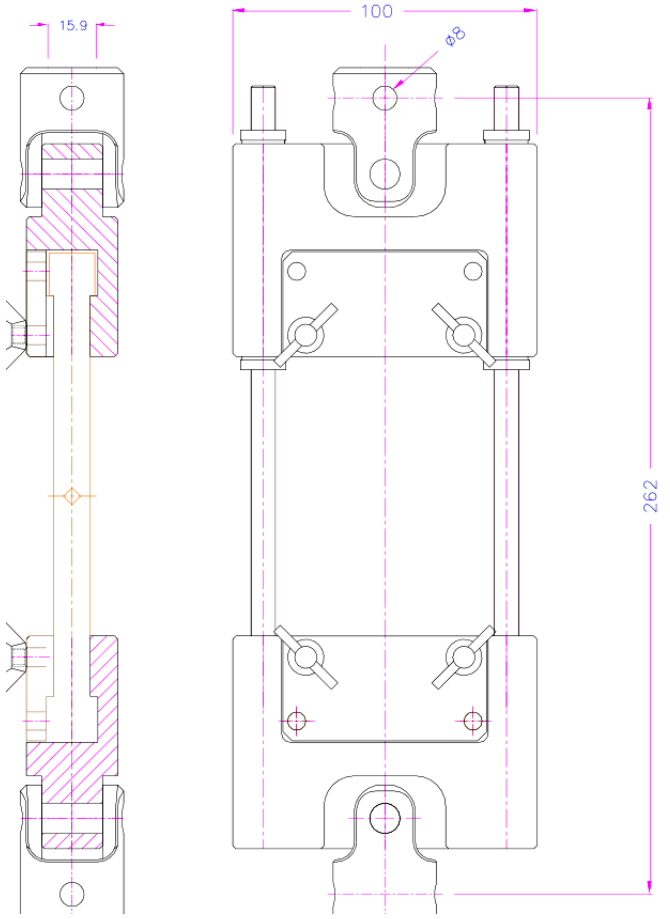
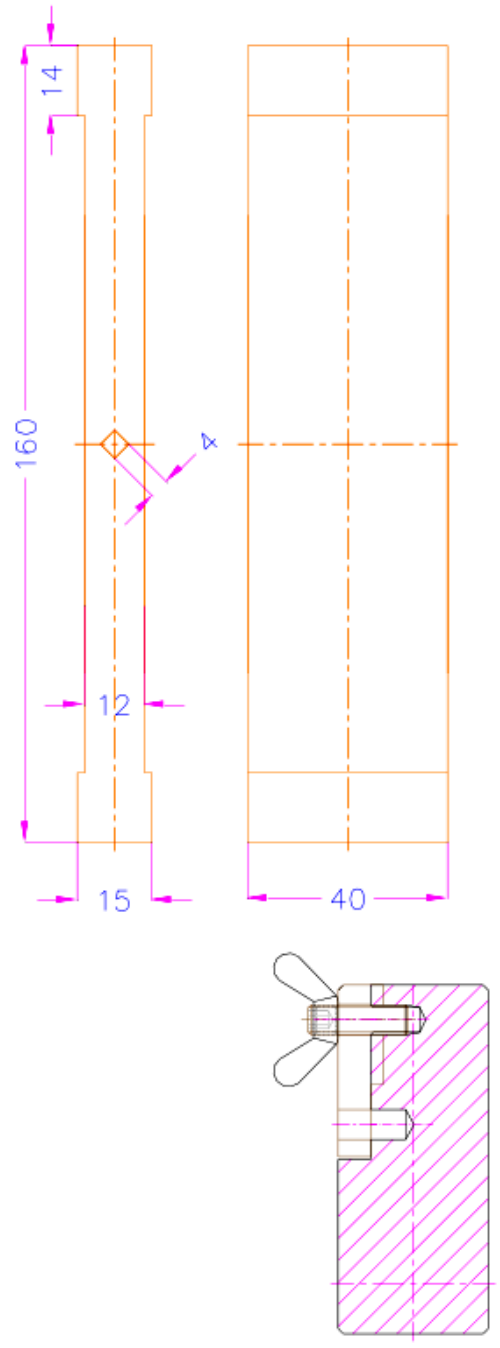


FIG. 2



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.