



PERPENDICULAR VERIFICATION DEVICE

Patent # 10, 551, 161 B2

The PVD (Perpendicular Verification Device) is designed to rest on the lower platen of your testing machine and provide a fast, easy and accurate verification of cylinder perpendicularity to demonstrate compliance with ASTM C39.

Sizes are configured to reach the test specimen while avoiding contact with your ASTM compliant top and bottom retaining cups.

PVD-6 is designed for specimens 6"x12". Please note the PVD-4NS is designed for 4"x8" specimens with standard retaining cups and no spacer. The PVD-4 is designed for 4"x8" specimens and use with a 4 inch high X 7.5 inch round or square spacer.

The device can be custom manufactured for use with spacers of other dimensions.

NEW SIZES AVAILABLE!

Now offering PVD-2 for 2"x4" specimens and PVD-3 for 3"x6" specimens.



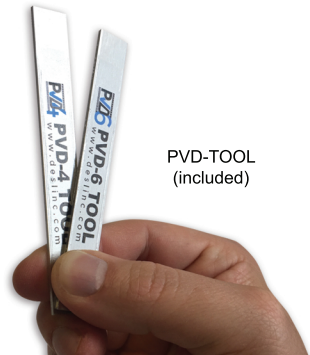
TO USE

Center the test specimen, with retaining cups and pads in place, in the compression machine. Load the specimen to not more than 10% of the anticipated failure load, and pause loading.

Place the appropriate size PVD on the lower platen and slide so that the vertical edge of the PVD is resting against the test specimen. Provide sufficient downward pressure on the PVD to ensure that it remains flat against the lower platen.

Use the provided Gap Measurement Tool (PVD-TOOL) along the vertical edge of the PVD to verify that there are no gaps large enough to allow the PVD-TOOL to pass. If the PVD-TOOL will not pass the PVD at any point, the compression test may proceed.


If the PVD-TOOL is able to pass the PVD, release the load on the specimen, re-center the specimen in the retaining cups and compression machine, and recheck for perpendicularity. Do not proceed with the compression test until the specimen meets the above "go" / "no-go" check.



PVD-TOOL
(included)



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