

## Request form for Dynamic Coefficient of Friction (DCOF) Testing

Testing is conducted with the BOT 3000E and is called the DCOF AcuTest. The BOT 3000E is a type of Tribometer which measures the parameters such as frictional forces, coefficient of friction and the effects of lubrication. ANSI A326.3-2021 now specifies 0.42 DCOF or BETTER measured with the BOT 3000E for level interior spaces expected to be walked upon when wet. The test must have a DCOF (per A326.3-2021) of 0.42 or BETTER for the tile to be accepted for level interior spaces expected to be walked upon when wet, for RAMPS the DCOF must be > than 0.42.

|                             |                |               |                   |
|-----------------------------|----------------|---------------|-------------------|
| <b>Date:</b>                |                |               |                   |
| <b>Company Name:</b>        |                |               |                   |
| <b>Contact:</b>             |                |               |                   |
| <b>Address:</b>             |                |               |                   |
| <b>Tile Name/Series/Lot</b> |                |               |                   |
| <b>Dimensions of Tile</b>   | <b>Length:</b> | <b>Width:</b> | <b>Thickness:</b> |
| <b>Project</b>              |                |               |                   |

Standard Testing conducted will be Wet Dynamic Coefficient of Friction. Also available, for an additional fee a Dry Dynamic Coefficient of Friction can be conducted. This is not required by ANSI A326.3-2021 but could be helpful for comparison purposes when the tile is used in wet versus dry applications.

**Requirements for test**

Test details: 3 tiles 300 mm x 300 mm (12 in x 12 in) or larger are needed for each test. If mosaics, they will be bonded to make a solid surface that is 300 mm x 300 mm (12 in x 12 in) or larger (3 sheets). Measurements are made in all 4 directions and individual measurements are recorded for each tile and the average wet DCOF of each tile specimen is documented. All original readings made by the BOT 3000 are electronically printed and kept on file at the TTMAC. Copies of the original readings are available on request. Approximate turnaround time for tests: 2 weeks.

**Terms:** For single tests payment must be made in full prior to testing being conducted. For multiple testing a 50% deposit must be submitted prior to testing.

| <b>Price - Wet DCOF</b> | <b>Members</b> | <b>Non-Members</b> |
|-------------------------|----------------|--------------------|
| Single test             | \$300.00       | \$550.00           |
| 2 to 5 tests            | \$275.00       | \$450.00           |
| 6 to 10 tests           | \$250.00       | \$400.00           |
| Over 11 tests           | \$225.00       | \$350.00           |

If a Dry Dynamic Coefficient of Friction test is requested, there will be an additional fee of \$200.00 per test.

**Terms:** For single tests payment must be made in full prior to testing being conducted. For multiple testing a 50% deposit must be submitted prior to testing.

*TTMAC Internal use only:* \_\_\_\_\_

*Date received:* \_\_\_\_\_

*File/test #* \_\_\_\_\_

*TTMAC contact person:* \_\_\_\_\_