

**TECTUM ACOUSTICAL PERFORMANCE
SOUND ABSORPTION COEFFICIENTS**

| | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC | MOUNTING | TEST REPORT |
|---------------------------------------|-----|-----|------|------|------|------|------|----------|----------------|
| DIRECT-ATTACHED CEILING PANELS | | | | | | | | | |
| Panel Type | | | | | | | | | |
| 1" | .06 | .13 | .24 | .45 | .82 | .64 | .40 | A | A120037 |
| 1" | .07 | .15 | .36 | .65 | .71 | .81 | .45 | D-20 | RAL - A86 - 44 |
| 1" | .16 | .43 | 1.00 | 1.05 | .79 | .98 | .80 | C-20 | RAL - A86 - 49 |
| 1" | .32 | .70 | 1.09 | .93 | .76 | .94 | .85 | C-40 | RAL - A86 - 50 |
| 1½" | .07 | .22 | .48 | .82 | .64 | .96 | .55 | A | RAL - A86 - 42 |
| 1½" | .15 | .26 | .62 | .83 | .70 | .91 | .60 | D-20 | RAL - A86 - 45 |
| 1½" | .24 | .57 | 1.17 | .87 | .93 | .87 | .90 | C-20 | RAL - A86 - 48 |
| 1½" | .40 | .84 | 1.18 | .84 | .94 | .88 | .95 | C-40 | RAL - A86 - 51 |
| 2" | .15 | .26 | .62 | .94 | .62 | .92 | .60 | A | RAL - A86 - 41 |
| 2" | .15 | .36 | .74 | .82 | .82 | .92 | .70 | D-20 | RAL - A86 - 46 |
| 2" | .24 | .67 | 1.14 | .87 | 1.06 | .96 | .95 | C-20 | RAL - A86 - 47 |
| 2" | .42 | .89 | 1.19 | .85 | 1.08 | .94 | 1.00 | C-40 | RAL - A86 - 52 |

CORRECTIONAL CEILING PANELS

| | | | | | | | | | |
|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-------|-----------------|
| Panel Type | | | | | | | | | |
| 1" with 20 Gauge Steel Backing | .36 | .30 | .42 | .80 | .83 | .83 | .60 | E-400 | RAL - A90 - 438 |

Please click on the test number to view or download the actual test.