

# **Increased site to site variation due to specially designed Low Noise ISO tracks**

**Semi-open surfaces show significant absorption**

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# ISO 10844 track as ment to be

- Dense
  - absorption < 10%
- Low tyre/road noise
  - -2 dB(A) CPX index compared to normal dense asphalt
- Reproducible
  - site to site variation < 2 dB(A)
- Requirements (among others)
  - residual voids  $\leq 8\%$
  - absorption  $\leq 10\%$  400-1600 Hz
  - *note: only one of these requirements has to fulfil*

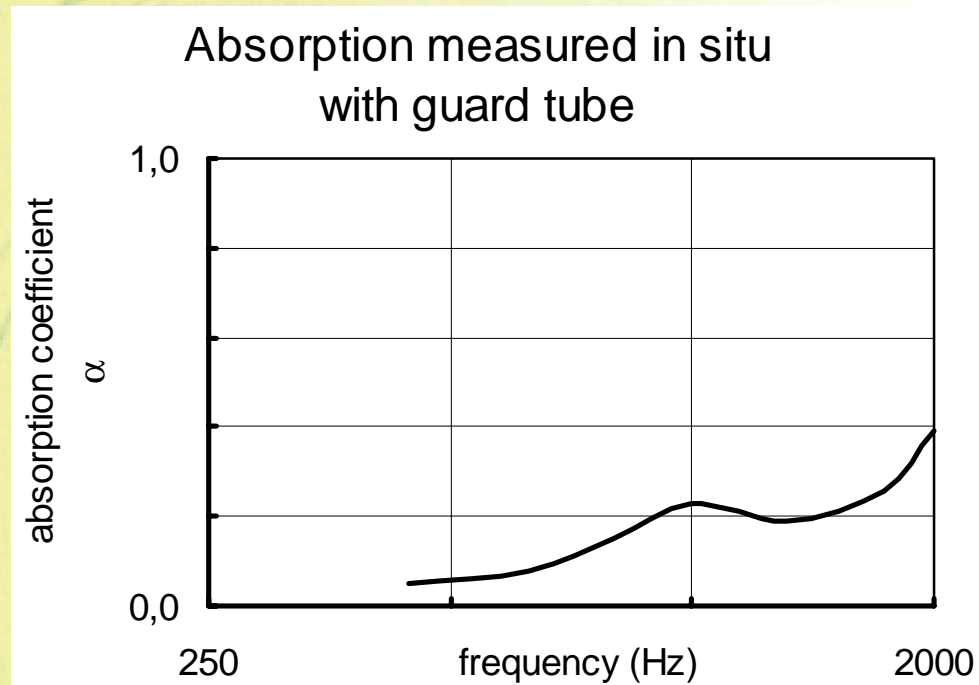


# Example approved ISO track 1/2



- Residual voids contents = 8%
  - Fulfils ISO 10844
  - Absorption not to be tested
  - Visual: semi-porous

# Example approved ISO track 2/2



- Noise compared to normal ISO track
  - Tyre/road noise: -1.8 dB
  - diesel engine noise ( $n_{stat}$ ): -2.2 dB
  - type approval results: -2 dB typically