Frankonia Excellent Performance Chambers

Anechoic Chamber Solution with Frankosorb® Absorbers

A state-of-the-art SAC-10 chamber with a Quiet Zone of ø3.0m and double test axis

2015 | Project located in Germany

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Project Data & Features:

- Chamber size approx. 21.6 x 13.7 x 8.5 m (SAC)
- 10m double test axis chamber
- Full lining with Frankosorb® P2400
- Non-combustible absorbers according to DIN EN 13501-1 (DIN 4102) Class A2 – s1 d0; (NRL 8093 class 1,2,3,4 and 5)
- H600 hybrid floor absorber for FU
- P450 floor absorber for SSVWR
- Floor absorbers storable in the chamber
- ø2.0 m quiet zone at 3 m test distance (H 2.0 m)
- ø3.0 m quiet zone at 10 m test distance (H 2.0 m)
- ø4.0 m quiet zone at 10 m test distance (H 2.0 m)
- Incl. turntable ø4.0 m with 5 tons, antenna mast and test system
- Flexible and high-performance chamber
- Proven long-term stability with more than 25 years
- Project located in Germany finished in June 2015

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a double axis high-performance chamber with Frankosorb® P2400 (A2)
Performance at 10 m test distance and QZ ø3.0m

Frankosorb® Absorbers

Frankosorb® = + +
Efficient & Stable Quality
Cost-saving Solution
High-end Performance

The Frankonia Frankosorb® absorber technology combines a variety of high–performance standards in a single solution.

Field Uniformity (horizontal)
• Frequency 80 MHz – 1 GHz
  100% at max. 5.17 dB; 75% at max. 3.43 dB
• Frequency 1 GHz – 18 GHz
  75% at max. 3.86 dB

Field Uniformity (vertical)
• Frequency 80 MHz – 1 GHz
  75% at max. 5.21 dB
• Frequency 1 GHz – 18 GHz
  75% at max. 4.33 dB

Performance at 3 m test distance and QZ ø2.0m