

WAVASORB® FHY

Flat Sheet Hybrid Absorber

- ✓ WAVASORB® FHY is a series of thin, flat sheet, hybrid absorbers.
- ✓ Designed for use in non-critical areas in EMC test chambers.
- ✓ Certified to fire-retardancy and environmental specifications by containing an advanced chemical composition.

WITH RESPECT FOR THE ENVIRONMENT: REACH & RoHS COMPLIANT



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Manufacturing & Installation Methods

WAVASORB® FHY is:

- ✓ a series of thin, flat sheet, hybrid absorbers which are typically used on top of ferrite tiles in EMC chambers;
- ✓ typically bonded to the ferrite surface using either E&C ADHESIVE 13111 or velcro fastener;
- ✓ designed for indoor use only.

Pieces to cover the floor may simply be put into place or may be bonded to the surface.



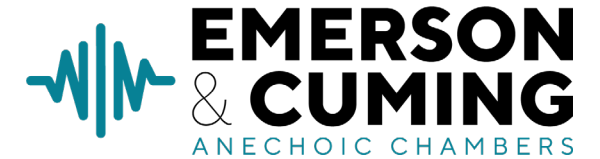
Applications

- ✓ WAVASORB® FHY is the preferred solution for the anechoic chamber lining of non-critical and complex areas in EMC chambers. The optimum layout depends on the precise chamber dimensions and test configuration.
- ✓ If a broadband performance from below 30 MHz to over 40 GHz is required, the best possible absorber choice that go with WAVASORB® FHY, is WAVASORB® VHY (check the datasheet WAVASORB® VHY into this respect).

Measurement Techniques

WAVASORB® FHY is manufactured in well-defined batches, and their fire-retardant properties are monitored following internal ISO 9001 procedures.

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Characteristics

Handling Temperature ⁽¹⁾	+5°C to +35°C
Humidity Range	30% to 70%
Fire Retardancy Tests	According to: - DIN 4102-1 Class B2 - NRL 8093 Tests 1, 2 and 3
REACH compliant	According to EC 1907/2006
RoHS compliant	According to 2015/863/EU
Quality control	ISO 9001
Product life	+25 years under controlled environment

⁽¹⁾ Depending on the application, the absorber can withstand temperatures of +90°C, for more information, contact your sales representative

Physical properties

	Standard Color ⁽¹⁾	Standard footprint ⁽²⁾
WAVASORB® FHY	Light blue	60 cm x 60 cm

⁽¹⁾ Various colours available on request

⁽²⁾ The above-mentioned dimensions have a tolerance of +/- 6 mm

	Total height ⁽¹⁾ (cm)	Average weight ⁽²⁾ (kg)
WAVASORB® FHY	10,0	2,0

⁽¹⁾ The above-mentioned dimensions have a tolerance of +/- 6 mm

The dimensions of WAVASORB® FHY may vary according to the absorber layout of the chamber
Consult your sales representative for detailed information

⁽²⁾ Weight values are subject to change

Sizes of WAVASORB® FHY can easily be customized to fit any specific project area.
Multiple variables go with WAVASORB® FHY-absorbers, e.g. plastic coating, painting/coating colours, ...
For more information, contact your sales representative.

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Shaping

the future



www.ecac.be

Safety Considerations: It is recommended to consult the E&C ANECHOIC CHAMBERS product literature, including material safety data sheets, prior to use E&C ANECHOIC CHAMBERS products. These may be obtained from your local sales office.

Warranty: Values shown are based on testing of laboratory test specimens and represent data that falls within the normal range of properties of the material. These values are not intended for use in establishing maximum, minimum or ranges of values for specification purposes. Any determination of the suitability of the material or any use contemplated by the user and the manner of such use is the sole responsibility of the user who must assure that the material as subsequently processed meets the needs of this particular product or use.

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