



APPLICATION NOTE

WAVASORB® OUR REGISTERED TRADEMARK FOR **REACH & RoHS**
COMPLIANT ABSORBERS



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INTRODUCTION

This application note aims at clarifying the translation of the REACH regulation and the RoHS directive into our WAVASORB® absorbers.

WHAT DOES REACH & RoHS STANDS FOR?

The European REACH Regulation¹ 2006 (Registration, Evaluation, Authorization and Restriction of Chemicals) aims to ensure that more is known about the chemicals being used in the EU and, where necessary, restricting or prohibiting the use of higher risk substances to avoid adverse effects to human health or the environment.

The European RoHS Directive² 2002 (latest version 2015/863/EU) on the Restriction of the use Of Hazardous Substances in Electrical and Electronic Equipment (EEE) lays down rules with a view to contributing to the protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE.

WHY IS IT IMPORTANT?

Safety for the people and safety for the environment is a top priority to E&C Anechoic Chambers. That's why the translation of these European rules into its WAVASORB® absorbers is of major importance to E&C Anechoic Chambers.

WHEN HAS E&C ANECHOIC CHAMBERS COMPLIED WITH REACH & ROHS?

With publication of this new regulation and directive, E&C Anechoic Chambers has decided to upgrade their absorber version introducing a new trademark in 2015, called WAVASORB®, whilst complying to REACH and RoHS.

WHAT HAS E&C ANECHOIC CHAMBERS DONE TO COMPLY WITH REACH & RoHS?

WAVASORB® absorbers do not use specific chemicals that are on the Substances of Very High Concern (SVHC) list and – at the same time – ensures that the fire retardancy properties³ keep complying with all relevant and applicable International Standards together with an improved environmental safety performance. This results in the fact that WAVASORB® absorbers are REACH and RoHS-compliant.

HOW CAN E&C ANECHOIC CHAMBERS MAKE PROOF OF REACH AND RoHS COMPLIANCY?

The different properties of our WAVASORB® absorbers are tested partially inhouse and partially by independent test laboratories. E&C Anechoic Chambers can submit a Declaration of Conformity on both the REACH regulation and the RoHS Directive upon request. (contact: sales@ecac.be)

¹ A regulation has a binding legal force.

² A directive lays down certain results that must be achieved but each Member State is free to decide how to transpose directives into national laws.

³ Polyurethane foam (basic raw material for WAVASORB® absorbers) is intrinsically a burnable material. Therefore, some treatment is required for making the foam fire retardant. WAVASORB® absorbers do not contain any product or component which is on the Substances for Very High Concern-list (SVHC) for making its foam fire retardant.

The background of the entire page is a close-up, high-angle shot of numerous geometric blocks. The blocks are primarily a vibrant teal color, with some white blocks interspersed, particularly towards the top right. They are arranged in a way that creates a sense of depth and perspective, with many edges and surfaces visible, reflecting light in a way that highlights their three-dimensional nature.

Interesting links and contact details:

1. [REACH REGULATION](#)
2. [RoHS DIRECTIVE](#)
3. For specific information about our WAVASORB® absorbers, please refer to the specific datasheet for each of our WAVASORB® products.
Contact: sales@ecac.be

EMERSON & CUMING



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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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