

## SIEPEL ELECTROMAGNETIC ABSORBER WEATHERPROOF



### CUSTOMER'S BENEFITS

SEA-WP is a range of pyramidal absorbers made of carbon loaded polyurethane foam, sealed in plastic coating to guarantee the weatherproof of the material.

Purpose: Outdoor usage (covering of metallic areas, reduction of radar cross section...).

- Made for outdoor use
- Robustness allowing resistance to harsh environment and poor weather conditions
- Custom shape and size
- Long-lasting investment
- High performance at optimal cost
- Fast delivery, commercially available off-the-shelves

### CHARACTERISTICS

- Maximum service temperatures: +70°C / 158°F
- Maximum power handling: 1.3 kW/m<sup>2</sup> CW
- Colours: blue (other colours available upon request)
- Outdoor usage



### INSTALLATION

- SEA-WP absorbers can be fitted with either non-metallic eyelet placed into the weatherproof material or using flanges

### COMPLIANCE TO STANDARDS & DIRECTIVES

- Environmental: RoHS compliant according to 2011/65/EU / REACH compliant according to EC 1907/2006

### REFLECTIVITY PERFORMANCES

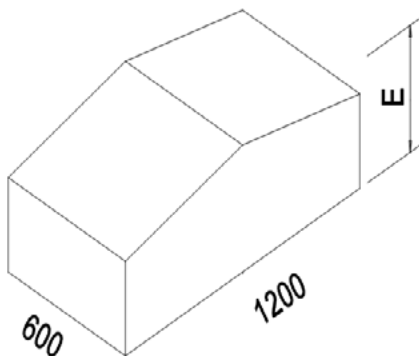
- Values in dB at normal incidence
- They are the result of an extensive experience in the manufacturing of electromagnetic absorbers.

TYPE	200 MHz	300 MHz	500 MHz	1 GHz	2 GHz	4 GHz	8 GHz	18 GHz	40 GHz
SEA-WP 5					-17	-17	-17	-17	-17
SEA-WP 12			-14	-22	-26	-28	-30	-23	-20
SEA-WP 20			-18	-22	-34	-35	-31	-28	-20
SEA-WP 30			-22	-32	-37	-40	-35	-30	-25
SEA-WP 45			-28	-32	-37	-40	-35	-30	-25
SEA-WP 66	-15	-25	-30	-32	-37	-40	-35	-30	-25

## SIEPEL ELECTROMAGNETIC ABSORBER WEATHERPROOF

### DIMENSIONAL PROPERTIES

- Standard sizes: 600 x 1200 mm - 23.6" x 47.2"  
(other sizes available on request)



TYPE	THICKNESS (E)	
	mm	in
SEA-WP 5	195	7.7"
SEA-WP 9	230	9.1"
SEA-WP 12	255	10"
SEA-WP 20	350	13.8"
SEA-WP 30	445	17.5"
SEA-WP 45	595	23.4"
SEA-WP 66	800	31.5"

### SIEPEL BY YOUR SIDE

- Your project under control: Managed by our in-house design & manufacturing business units
- Engineering capabilities for the standard or custom design of anechoic chambers according to your request
- Commitment on outstanding finishes
- Installation performed by our highly qualified supervisors
- Significant number of unique projects for demanding and prestigious customers worldwide
- Project management capabilities and customer proximity during the product's lifetime



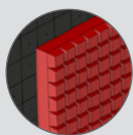
### QUALITY

- Siepel aims to deliver to its customers a high-level of quality for all products and services
- Thanks to an ISO 9001/ISO 17025 quality management system, our company continuously focuses on customer satisfaction and excellence
- Siepel fulfills environmental obligations as REACH and RoHS directives, as well as other current regulations

### IN-HOUSE TESTING

- Reflectivity performances factory-controlled as per IEEE standard 1128
- SEA absorbers are tested in Siepel's internal fire test lab as well as in independent test laboratories
- Factory Acceptance Tests (FAT): Reflectivity measurements from 30 MHz to 50 GHz

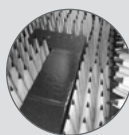
### AN EXTENSIVE RANGE OF EMC & MICROWAVE ABSORBERS



Hybrids  
SEA-HY & HYT



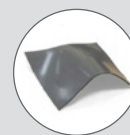
Microwave  
SEA-PM & TM



Walkway  
SEA-WW



High power  
SEA-HP



Elastomeric  
SEA-ELS & ELP