

WALKWAY ABSORBER API

API absorber is a rigid flat absorber which can be walked upon.

API absorbers are used to provide access to working areas within an anechoic chamber.



REFLECTIVITY PERFORMANCES

MINIMUM REFLECTIVITY OF API in dB										
Type	Thickness mm	200 MHz	300 MHz	500 MHz	1 GHz	2 GHz	4 to 8 GHz	8 to 12 GHz	12 to 18 GHz	
API 20	200				-16	-17	-17	-19	-18	
API 30	300			-10	-24	-24	-19	-19	-18	
API 40	400			-20	-25	-28	-20	-20	-20	
API 55	550		-10	-22	-32	-32	-20	-20	-20	
API 78	780	-10	-15	-25	-35	-35	-20	-20	-20	

MAIN CHARACTERISTICS

- **Matrix:** 90% open cells polyurethane foam and rigid polymer
- **Impregnating agents:** carbon, binder, fire-retardant.
- **Maximum service temperatures:** - 65°C and 100°C.
- **Sizes:** 1220x610 mm
- **Power handling:** 0.13 W/cm² max CW.
- **Plastic coating Fire resistance:** M2 (on request)
- **Maximum load-bearing capability:** 200 kg/m² or 90 kg/ft²



COMPLIANCE TO STANDARDS & DIRECTIVES

Our raw materials are **compliant to RoHS / REACH** and free of substances in the current list of Substances of Very High Concern (SVHC) published by the European Chemicals Agency (ECHA).

METHOD OF USE

API absorbers are put on a flat floor.

These data are the result of tests performed in our laboratory. They are considered to be the best of our knowledge. The use of the material and the specification of the performances are made under the whole responsibility of users who should ensure themselves that the material is suitable for their purposes.