

WALKWAY ABSORBER HYFRAL API

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



FIELD OF APPLICATION

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



METHOD OF USE

HYFRAL API absorbers are put on a flat floor.

MAIN CHARACTERISTICS

Matrix: 90% open cells polyurethane foam and rigid polymer.

Impregnating agents: carbon, binder, fire-retardant.

Maximum service temperatures:
- 70°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

MINIMUM REFLECTIVITY OF HYFRAL 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 21	210				-18	-24	-21	-19	-18
API 31	310			-10	-24	-24	-21	-19	-18
API 40	400			-20	-25	-28	-27	-22	-20
API 55	550		-10	-22	-32	-32	-31	-26	-23
API 78	780	-10	-15	-25	-35	-35	-35	-30	-26

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.