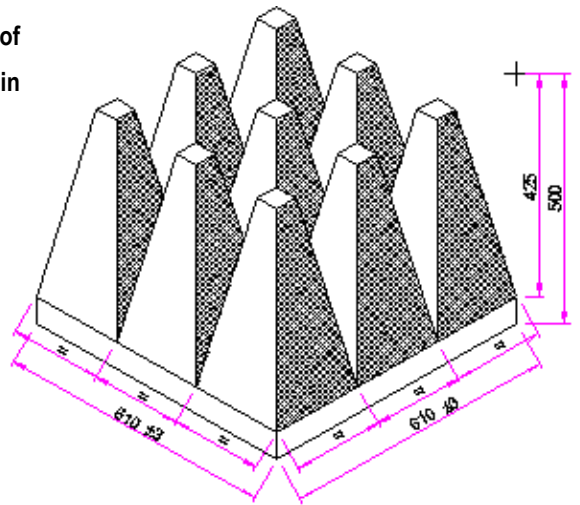


TRUNCATED PYRAMIDAL ABSORBER HYFRAL APX

HYFRAL APX is a range of absorbers consisting of blocks of carbon-impregnated polyurethane foam in pyramid shape.

FIELD OF APPLICATION

HYFRAL APX absorbers are suitable for microwave frequency to line anechoic or semi-anechoic chambers. This material makes it possible to obtain quiet zone in very wide frequency bands.



Type	A Total height (mm)	B Pyra. height (mm)	D Base height (mm)	E ± T Base length (mm)	N Number of pyra./side	Weight (kg)
APX 50	500	425	75	610 ± 3	3	4,6

SPECIAL CHARACTERISTICS

HYFRAL APX are specifically adapted to equip anechoic chambers for EMC measurements.

METHOD OF USE

Absorbers of the HYFRAL APX type can be fixed to all flat surfaces by means of HYFRAL 135 glue or of a Velcro fastening system or auto adhesive tape. HYFRAL 135 glue is applied with a brush or a pneumatic spray gun to both faces to be glued.

MAIN CHARACTERISTICS

Matrix: polyurethane foam with 90% open cells.

Impregnating agents: carbon, binder, fire retardant.

Colours: black, white, blue, green, red (other colours upon request).

Paint: plastic coated for class 100 000 clean rooms.

Maximum service temperatures: - 70° C et 160° C.

Power handling: 0.2 W/cm² max cW.

Fire resistance: NRL 8093 (Test 1, 2, 3), ISO 11925-2 or DIN 4102 (class B2).

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.