CUMING MICROWAVE

Technical Bulletin 390-9A

C-RAM ODP

PYRAMIDAL ABSORBER FOR OUTDOOR USE

RoHS Compliant

C-RAM ODP is a series of very high performance absorbers similar to C-RAM EVA.

C-RAM ODP is made from a lightweight open cell foam with large pores. This large pore size allows rain water to drain readily and dry quickly after rain stops. The RF lossy coating is not affected by repeated exposure to rain.

C-RAM ODP is dimensionally equivalent to the corresponding grades of C-RAM SFC. The reflectivity characteristics are identical to those of C-RAM SFC.

C-RAM ODP is a very resilient material. It stands up well to moderate physical abuse and tolerates repeated deformations without tear or cracks.

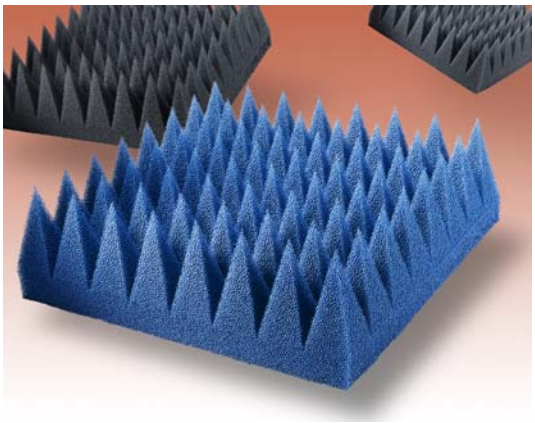
C-RAM ODP is processed using a fire retardant saturant, however it does not meet the NRL 8093 test #1, 2 and 3 for fire retardancy. Consequently the product is not recommended for indoor usage.

METHOD OF APPLICATION

C-RAM ODP is readily installed using a good grade of contact adhesive such as CAMBOND 808, just as C-RAM SFC and EVA would be.

In many applications a mechanical fastening is preferable; we have several systems available to accommodate various wall structures. For the mechanical fastening systems, the C-RAM ODP is supplied with a metal pan/plate factory bonded to the absorber base bottom.

Velcro installation is generally not recommended for outdoor usage.



AVAILABILITY

C-RAM ODP is available in versions 4”-6”-8”-12”-18”-24” tall corresponding in geometry and performance to the equivalent grade of C-RAM SFC.

Standard base dimensions are 24” x 24” (610 mm x 610 mm). However, custom base dimensions and heights can be provided.

The information in this technical bulletin, although believed to be accurate, is not to be taken as a warranty for which Cuming Microwave assumes legal responsibility, nor as permission or recommendation to practice any patented invention without license. It is offered for verification by the customer, who must make the final judgment of suitability for any application.

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