



PORCELAIN

WOOD

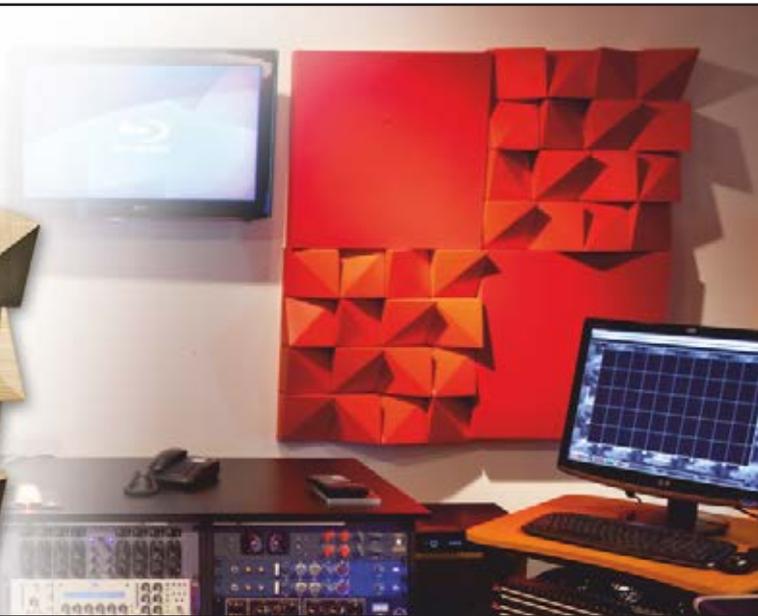


Image of 60x60cm model Ref. CER060 (on the left) and the same model applied (ambient image).

DESCRIPTION

The acoustic treatment panel CERAFLECTOR® is a 3D controlled dispersion multidirectional reflection panel and its modular design makes it unique in the market. It is built in two different models: in porcelain (CER060) and with WOOD (CERW060).

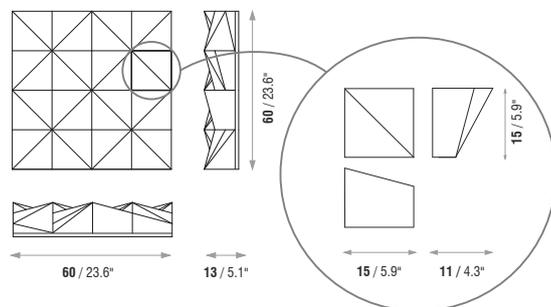
The angles of reflection of this radial diffusion panel were thoroughly calculated. The depth factor is logarithmically varied and it is, therefore, a three-dimension omnidirectional reflection panel.

The CERAFLECTOR® panel controls primary reflections and fragments them in 64 vertices of incidence using the theoretical numerical sequence ratio of the primitive root as a basis for calculation. Thus, it produces exceptional results of sound diffusion in all directions and provides spaces with considerable sound perception.

FEATURES

- Two models available: porcelain or Wood.
- Average diffusion: **0.67/m²** [$>100\text{Hz}; <5\text{KHz}$].
- NRC: **0.22/m²** [$>250\text{Hz}; <10\text{KHz}$].
- 100% recyclable.
- Fire-resistance: Euroclass A1 (similar to old M0) for porcelain; B-s1,d0 (similar to old M3) for the Wood model.
- Installation: accessories included.
- Manufactured with self-sustainable forest wood.
- Finished with ecological veneers.
- Package: 2 units.
- Application on ceiling and walls.

TECHNICAL DRAWINGS



CER060 / CERW060 (WOOD)

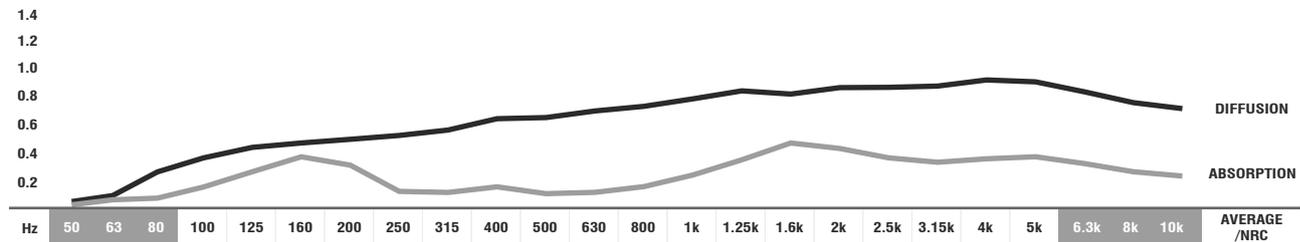
CERT015

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
CER060	60 cm (23.6 in)	60 cm (23.6 in)	13 cm (5.1 in)	23.7 Kg (52.25 lbs)
CERW060	60 cm (23.6 in)	60 cm (23.6 in)	13 cm (5.1 in)	22.6 Kg (38.80 lbs)
CERT015	15 cm (5.9 in)	15 cm (5.9 in)	11 cm (4.3 in)	1.4 Kg (3.09 lbs)

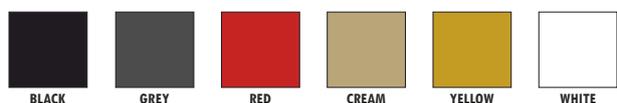
DIFFUSION - ABSORPTION COEFFICIENT

	0.04	0.08	0.24	0.37	0.42	0.46	0.48	0.49	0.57	0.62	0.63	0.66	0.72	0.78	0.81	0.80	0.83	0.83	0.85	0.89	0.87	0.81	0.76	0.70	0.67
α_S	0.01	0.06	0.07	0.18	0.27	0.38	0.31	0.14	0.12	0.16	0.13	0.14	0.17	0.21	0.34	0.46	0.41	0.37	0.34	0.36	0.37	0.33	0.27	0.23	0.22



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. ■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.
 ■ DIFFUSION COEFFICIENT: These values were obtained by mathematical calculations and tests carried out in our laboratory.

STANDARD CERAMIC COLOURS



WOOD VENEER FINISHINGS



IMPORTANT NOTICES

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