

## TECHNICAL DATA

MECATÉCNICO VIVALDI ACOUSTIC 11 MM SHADOW EDGE



### RAW MATERIAL:

- Plaster powder E-35 mark N Aenor. Resistance to compression > 35 kg/cm<sup>2</sup>
- Fiber glass 2400 Tex
- Additives to increase resistance and mechanical properties.
- Special isolation sheet to increase acoustic properties.

### TECHNICAL CHARACTERISTICS:

NOMINAL DIMENSIONS	573X573X11 MM (±2 mm)
WEIGHT PER UNIT	3,27 Kg (±5%)
WEIGHT PER SQM	9,08 Kg (±5%)
FLATNESS	< 1 mm en 1000 mm
ANGULAR DEVIATION	< 1 mm in all of the sides
FLEXURAL RESISTENCE	>= 6 kg
THERMAL CONDUCTIVITY	0,26 W (m <sup>2</sup> K)
SUPERFICIAL HARDNESS	>75 Shore C. On a 100 scale
REACTION TO FIRE	Euroclass A1 (Incombustible)
RESISTANCE TO HUMIDITY	90 % HR continuously
MOISTURE CONTENT	<1,2%
PERFORATED SURFACE	1,296 Perforations.11.94% of its surface
ACOUSTIC ABSORPTION	$\alpha_m = 0,68$

### OTHER TECHNICAL CHARACTERISTICS:

- Non emitter of Rn or Ra isotopes. This material does not cause radioactive reactions. Asbestos free.
- Not proliferation of microorganisms not bacteria.

### LOGISTICAL DATA:

AVAILABLE SYSTEM	SHADOW EDGE
UNITS/BOX	6
BOXES/PALET	64
UNITS/PALET	384
SQM / PALET	138.24

### CERTIFICATES AND TEST REPORTS:

- ER Aenor Certificate. Certificate number ER-0245/1999.
- IQNET Certificate. Quality Management System Certificate UNE-EN-ISO 9001:2008
- CE mark .
- Test Report Acoustic absorption.ACÚSTICA ARQUITECTÓNICA. Test number 091006L054-B.
- Test Report Reaction to Fire. AFITI-LICOF. N° 1451T08.
- Test Report Radiactivity Analysis. INTE. Test number 8843.1G/11.
- Test Report Bactericidal and Fungicidal Viability. LABORATORIO CONTROL MICROBIOLÓGICO. Test number 200915.