DESCRIPTION

Following an ecological philosophy, JOC AV® has designed this product made exclusively of cork from cork oak trees. Its industrial process is 100% natural. The QUADCORK® is an anti-vibration insulation and acoustic treatment product with a high degree of thermal insulation as well. The outstanding behaviour of the Expanded Cork Agglomerate, in terms of insulation and dimensional elasticity and its controlled porosity and density, delivers excellent acoustic performances to reduce sound levels by structure-born transmission and to reduce airborne noise and reverberation time. The QUADCORK® is thus the practical, efficient and ecological solution for a good acoustic insulation and treatment. It is meant to be applied on continuous surfaces or on selected spots. It comes in 25cm x 25cm mosaics that are simply glued to the surfaces, walls and ceilings.

The QUADCORK® is simply made of cork as its raw-material, without additives..., and is bonded with its own resin. 90% of the energy consumption is made up of biomass, the waste of its industrial process, granules and dust. It is fully reusable.

FEATURES
- NRC: (0.42 m² - 40mm) (0.53 m² - 60mm).
- Thermal, acoustic and anti-vibration insulation material.
- Level of sound insulation: Rw 52 dB.
- Renewable and 100% natural raw-material and fully recyclable.
- Fire class: Euroclass E - EN 13501-1.
- No release of toxic gases.
- Density: 1200 kg/m³.
- Thermal conductivity / Specific heat: 0.004 W/mK.
- Natural industrial process (without additives).
- Unlimited durability, no loss of features.

ABSORPTION COEFFICIENT

| nS | 0.01 | 0.03 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.18 | 0.28 | 0.48 | 0.84 | 0.83 | 0.55 | 0.44 | 0.47 | 0.58 | 0.89 | 0.62 | 0.58 | 0.81 | 0.82 | 0.59 | 0.42 |
| nS | 0.03 | 0.05 | 0.07 | 0.07 | 0.08 | 0.12 | 0.19 | 0.33 | 0.57 | 0.78 | 0.85 | 0.78 | 0.81 | 0.53 | 0.49 | 0.54 | 0.61 | 0.69 | 0.63 | 0.59 | 0.82 | 0.83 | 0.59 | 0.53 |

STANDARD CORK COLOUR

IMPORTANT NOTICES

* JOC AV® accepts no responsibility for any printing errors. Specifications can be modified without prior notice if technical or commercial reasons so require.
* The colours shown on this brochure are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
* Colours may vary due to raw-material supplier changes and some differences may occur in final large.
* Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. For similar reasons, they will also present traces of old-age in the course of time.
* Typical indoor comfort levels state a temperature range of 20°C - 24°C (68°F - 75°F) and a relative humidity of 50%. These would be considered as normal operational levels of JOC AV® product ranges.
* Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characterisation.

SOLD PER BOX ONLY - 1m² - 16 UNITS/ TILES = 1 m²
1 BOX OF 4cm units = 4 m² - 1 BOX OF 6cm units = 2.5 m²

QUADCORK®

ABSORBENT PANEL

Eco-friendly

Image of 25cmChips in Ref. QCX004 (on the left) and Ref. QPL004 models applied (adjacent image).