

DATASHEET

Okaphone 4 for Flooring and Parquet

Sound deadening and uncoupling board

- for resilient flooring
- for hardwood and engineered flooring
- for uncoupling and impact sound reduction
- for increased walking and living comfort
- flexible, and stable
- will not deteriorate
- can be scored cut and sawn
- 98 % recycled material, contributes to LEED



PRODUCT DESCRIPTION

Resin bonded, stable and high-density, approximately 4 mm thin, synthetic fiber board for isolation and sound deadening installation requirements under suitable resilient, textile floor coverings and parquet interior only. As insulating board in renovation and poorly insulated surfaces in old and new buildings. Increase the living and walking comfort at minimum height.

SUBSTRATE PREPARATION

The surface must be dry, clean and load bearing ready. Suitable over concrete, screed, chipboard screw-V 100 (OSB-3, OSB construction), wood flooring, stone, steel, and ceramic tiles.

Level uneven substrates with **Servofix - Servoplan - or Servoalpha** self-levelling compound

Use **Servoplan S 444** over dimensionally unstable substrates (e.g. particle board V 100). The respective substrates should be primed accordingly with **Okatmos® EG 20, Okamul HD 11** or wood with **Servofix RSG, Okatmos® EG 20, Okatmos® UG 30, Okamul PU-V** quickly or **Okapox GF**.

PROCESSING

Loose lay **Okaphone 4** boards in a staggered formation (avoid cross joints). Cut boards with circular saw, jig saw or utility knife. Then remove plates from the center and use **Bakit PU-P** or **Bakit EK** new with a notched trowel TKB B15. Lay the board within 15-20 minutes and press down firmly. Place adequate weight if a tension is forming between installed boards.

Use expansion seal gasket around the entire wall perimeter or any areas directly exposed to **Okaphone 4**. Cut the excess of seal gasket only when the job is completed. To avoid sound transfer through the joints of **Okaphone 4** use **Oka Cryl** to seal any cavities.

Installation of resilient and textile coverings:

After adhesive is completely dry use **Servoplan S 444** over the board and pour it in the thickness of 3-5 mm. Subsequently use Kiesel **Okatmos** adhesive to install desired covering.

Installation of hardwood and engineered flooring:

Use **Bakit PU-P** or **Bakit EK** new to install hardwood or engineered wood over **Okaphone 4** once the adhesive underneath the board is fully dry.

When installing hardwood without tongue and groove follow diagonal installation of material against the board.

SPECIFICATIONS

Color	light
Application	interior
Format	100 cm x 60 cm = 0,6 m ²
Thickness	about 4 mm
Weight	2,8 kg/m ²
Sound deadening properties	Under glue-down flooring 10 mm thick about 13 dB according EN ISO 140-8 (after official test certificate)
Thermal conductivity	about 0,16 W/mK (DIN 52 612)
Thermal resistance	0,05 m ² K/W
Fire classification	B2
Floor heating system	suitable
Storage	dry on a flat surface
Disposal	household or commercial waste

IMPORTANT NOTICE

The impact sound reduction properties have been determined by the authorized testing laboratory. These values cannot be transferred to other projects, as there might be other ceiling structures. To determine the impact noise levels, a sample installation must be done. The information is based on experience and is intended as general guidance.

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

TOOLS

Circular saw, jig saw, utility knife and trowel TKB B15.

PACKAGING

Product description	Item no.	Item no.
10 boxes of 15 sheets = 90 m ²	60170	4015705601700

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

Revised: 12.08.2011 lo