

1. Application Sector

DAMTEC® standard pur 100 is an underlay for the impact sound insulation and decoupling.

It can be laid under laminate, parquet, carpet as well as linoleum and PVC and provides more peace.

DAMTEC® standard pur 100 creates a pleasant living and working atmosphere and is a universal product for high requirements.

2. Material

Granules of PU foam with cork and PU elastomer bonding agent.

3. Appearance

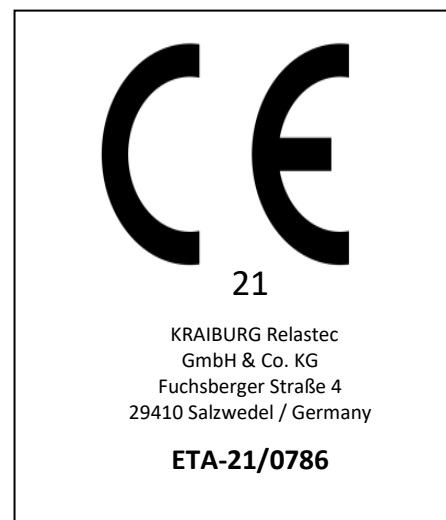
color: black (PU), beige (cork)
surface: fine granulate texturing

4. Dimensions/Tolerances

width: 1,000 mm (± 1,5 %)
thicknesses: 2, 3, 4, 5, 6 mm (± 0,3 mm)
length: on request (± 1,5 %)

5. Physical Characteristics

density: 340 - 440 kg/m³
tensile strength: 0.4- 1.0 N/mm² (ISO 1798)
elongation at break: 10 - 30% (ISO 1798)
service temperature range: -30° bis 80°C
flammability rating: E_{fl} (ISO 11925/EN 13501)



heat transmission coeff.: 0.029 m²K/W (2mm) (EN 12667)
 impact sound improvement: $\Delta L_W = 17\text{dB}$ (3mm, B1) (ISO 10140)
 $\Delta L_W = 17\text{dB}$ (4mm)
 $\Delta L_W = 17\text{dB}$ (5mm)
 $\Delta L_W = 21\text{ dB}$ (2mm) with 11 mm three-layer parquet
 castor chair behavior: suitable when using appropriate floor coverings
 suitable for stairs: suitable when using appropriate floor coverings
 Emissions: meets the requirements of AgBB and GEV

VOC-emissions:



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- emissionsarm
- geringer Schadstoffgehalt
- in der Wohnumwelt gesundheitlich unbedenklich

6. Installation:

Installation is to be carried out in accordance with **DAMTEC® standard PUR** installation instructions.

7. Other Matters:

Technical approval by DIBt (German institute for building technique) is available. Castor chair behaviour and residual indentation after static loading of the flooring can change in accordance with the insulating underlay used. Only use underlay approved by the floor manufacturer. Prior to any installation work, carefully read and observe the usage instructions and processing guidelines of the adhesive cement and floor finish manufacturers. In case of doubt, please contact the manufacturer's applications engineering department for advice.

DISCLAIMER:

The information provided is intended only as a summary and general overview on matters of interest. The information is not intended to be comprehensive nor does it constitute expert advice. KRAIBURG RELASTEC shall not be liable for incidental and/or consequential damages directly or indirectly sustained, nor any loss caused by not complying with relevant industry/product standards and improper use of any Damtec® products. Due to varying construction methods, any other circumstances not stated above should be brought to the attention of KRAIBURG RELASTEC for review. For suitability to the prevailing site conditions, it is advised that certified testing should be conducted. It is recommended to seek further advice on your application with our technical staff prior to use.