

→ rubber

## Product Data-Sheet

No. 9402 - R - 04  
Edition: Jan 2011

### 1. Application Sector

**DAMTEC® rubber** is a floor underlay for footfall sound reduction and thermal insulation; used in building construction and renovation, specially in wed rooms under ceramic tiles.

### 2. Material

Fine granules of recycled rubber with PU elastomer bonding agent

### 3. Appearance

colour: black  
surface: fine granular texture

### 4. Dimensions/Tolerances

|                      |                               |          |
|----------------------|-------------------------------|----------|
| width:               | 1000 mm                       | ± 1.5 %  |
| length:              | on request                    | ± 1.5 %  |
| available thickness: | 3, 4, 5, 6 mm                 | ± 0.3 mm |
| density:             | approx. 800 kg/m <sup>3</sup> |          |

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### 5. Physical Characteristics

|                                |   |              |
|--------------------------------|---|--------------|
| tensile strength:              | approx. 0,6 N/mm <sup>2</sup>               | (ISO 1798)   |
| elongation at break:           | approx. 60%                                 | (ISO 1798)   |
| service temperature range:     | - 30°C bis 80°C                             |              |
| flammability rating:           | B 2   | (DIN 4102-1) |
| heat transmission coefficient: | 0.03m <sup>2</sup> K/W for 3mm slab         | (DIN 52612)  |
| impact sound improvement:      | $\Delta L_W = 20\text{dB}$ without covering | (ISO 140-8)  |
|                                | $\Delta L_W = 17\text{dB}$ with tiles 8mm   | (ISO 140-8)  |

### 6. Installation

Installation is to be carried out in accordance with the **DAMTEC® rubber** installation instructions.

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.

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