

(ETA-13/0572)



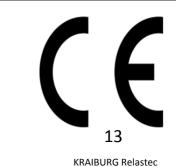
Product Data Sheet Nr. 9415 - R - 01 Edition: September 2013

1. Application Sector

DAMTEC® estra 3D is the ideal rubber underlay in floating screed / concrete slab systems with European Technical Approval, which has been granted by DIBt, the German Center of Competence in Civil Engineering.

Another application is for example underneath rigid floor elements on wooden sub floors. Also as edge strip it can be cut.

DAMTEC® estra 3D is particularly quick and easy to install and is providing extremely high resistance to compressive loads and outstanding elasticity. It is equally well suited for applications in residential, office and commercial buildings.



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2. Material

Granules of recycled rubber with PU elastomer bonding agent

3. Appearance

colour: multicolour

surface: smooth with granular texturing

4. Dimensions/Tolerances

width: 1,250 mm \pm 1.5 % available thicknesses: 8/4 mm \pm 1.0 mm

density: $680 - 750 \text{ kg/m}^3$ area weight: $3,870 - 4,730 \text{ g/m}^2$

length: 8,000 mm (± 1,5 %)

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5. Physical Characteristics

tensile strength: approx. 0.4 N/mm² (ISO 1798) elongation at break: approx. 50% (ISO 1798)

service temperature range: - 30°C to 80°C

flammability rating: B2 (DIN 4102-1)

E (ISO 11925/ISO 13501)

heat transmission

coefficient: approx. $0.05 \text{ m}^2 \text{ K/W}$ (ISO 8302) dynamic rigidity: $3D 8/4 < 20 \text{ MN/m}^3$ (EN 29052) maximum pressure: 0.1 N/mm^2 (in acc. to EN 826) impact sound improvement: (ISO 140-8/ISO 717-2)

 $\Delta L_W = 22 \text{ dB for 3D 8/4 (with 50mm screed)}$

6. Installation:

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

DISCI AIMER:

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