

Approval body for construction products
and types of construction

Bautechnisches Prüfamt

An institution established by the Federal and
Laender Governments



European Technical Assessment

ETA-21/0786
of 7 September 2022

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General Part

Technical Assessment Body issuing the
European Technical Assessment:

Deutsches Institut für Bautechnik

Trade name of the construction product

"DAMTEC standard pur and DAMTEC standard pur B1
(Group 0-100)"

Product family
to which the construction product belongs

Underlays

Manufacturer

KRAIBURG Relastec GmbH & Co. KG
Fuchsberger Straße 4
29410 Salzwedel
DEUTSCHLAND

Manufacturing plant

This European Technical Assessment
contains

5 pages which form an integral part of this assessment

This European Technical Assessment is
issued in accordance with Regulation (EU)
No 305/2011, on the basis of

EAD 190010-00-0502

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Specific Part

1 Technical description of the product

This European Technical Assessment applies for the mats "DAMTEC standard pur 0", "DAMTEC standard pur 0 B1", "DAMTEC standard pur 100" and "DAMTEC standard pur 100 B1" made of granulated PU-foam and granulated cork with a PU binding agent, hereinafter referred to as underlays. For the B1 variant an inorganic flame retardant is added.

The underlays are produced with the following thicknesses and area weights:

DAMTEC standard pur 0		DAMTEC standard pur 0 B1	
Thickness [mm]	Area weight [g/m ²]	Thickness [mm]	Area weight [g/m ²]
2	1180	2	1320
3	1760	3	1970
4	2340	4	2620
5	2920	5	3270
6	3500	6	3920

DAMTEC standard pur 100		DAMTEC standard pur 100 B1	
Thickness [mm]	Area weight [g/m ²]	Thickness [mm]	Area weight [g/m ²]
2	800	2	940
3	1190	3	1400
4	1580	4	1860
5	1970	5	2320
6	2360	6	2780

The European Technical Assessment has been issued for the products on the basis of agreed data/information, deposited with Deutsches Institut für Bautechnik. The European Technical Assessment applies only to products corresponding to this agreed data/information.

2 Specification of the intended use in accordance with the applicable European Assessment Document

The underlays are used under various floorings inside buildings. They serve for impact sound reduction and for acoustic decoupling.

The performance according to section 3 only applies if the underlays are installed according to the manufacture's installation instructions and if they are protected from precipitation, wetting or weathering in built-in state and during transport, storage and installation.

The verifications and assessment methods on which this European Technical Assessment is based lead to the assumption of a working life of the underlay mats "DAMTEC standard pur 0", "DAMTEC standard pur 0 B1", "DAMTEC standard pur 100" and "DAMTEC standard pur 100 B1" of at least 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

3 Performance of the product and references to the methods used for its assessment

3.1 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire test according to EN ISO 11925-2:2020	Class E* according to EN 13501-1:2019
* when laying on substrates made of wood or wood-based materials with a density $\geq 337 \text{ kg / m}^3$ and a minimum thickness of 9 mm and substrates of Euroclass A1 or A2 - s1,d0 according to EN 13501-1:2019	

3.2 Hygiene, health and the environment (BWR 3)

Essential characteristic	Performance		
Content, emission and/or release of dangerous substances			
Substances, classified as Carc. 1A/1B ^{a)}	None of these raw materials are actively used in the manufacture of the construction product. ^{b)}		
Substances, classified as Muta. 1A/1B ^{a)}			
Substances, classified as Acute Tox. 1, 2, 3; Repr. 1A/1B; STOT SE 1 and STOT RE 1 ^{a)}			
SVOC and VOC ^{c)}	The products "DAMTEC standard pur 0" and "DAMTEC standard pur 100" were tested for the emission of dangerous substances (in accordance with EN 16516), thickness in each case 6 mm, using the loading factor $L = 0.4 \text{ m}^2/\text{m}^3$ (for floorings) and was therefore assessed:		
		3 days	28 days
	Carzinogens (Cat. 1A/1B)	< 0.01 mg/m ³	< 0.001 mg/m ³
	TVOCspez	< 10 mg/m ³	< 1.0 mg/m ³
	TSVOC		< 0.1 mg/m ³
	TVOC without NIK (2021)		< 0.1 mg/m ³
	R-value		< 1
Release scenario regarding BWR 3: IA2			
a) In accordance with Regulation (EC) No 1272/2008.			
b) Assessment based on the detailed manufacturers' statements on dangerous substances.			
c) Statement according to test report.			

4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

In accordance with EAD No. 190010-00-0502 the applicable European legal act is: 2000/273/EC

The system to be applied is: 3

In addition, with regard to e.g. reaction to fire for products covered by this EAD the applicable European legal act is: 2000/273/EC

The system to be applied is: 3

5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited with Deutsches Institut für Bautechnik.

Issued in Berlin on 7 September 2022 by Deutsches Institut für Bautechnik.

Dr. Astrid Gräff
Head of Section

beglaubigt:
Tykiel