



Abdichtungssysteme

DECLARATION OF PERFORMANCE
according to Annex III of the regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No 574/2014

KÖSTER CT 221

1. Unique identification code of the product-type:

KÖSTER CT 221
3432

2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4):

Batch number: See packaging of the product

3. Intended use:

Surface protection products – Coating
Protection against ingress (1.3)
Physical resistance (5.1)
Resistance to chemicals (6.1)

4. Manufacturer:

KÖSTER BAUCHEMIE AG
Dieselstraße 1 - 10
26607 Aurich

5. Systems of AVCP:

System 2+

6. Harmonised standard:

EN 1504-2:2004

7. Notified body:

Materialprüfanstalt für das Bauwesen
Beethovenstraße 52, 38106 Braunschweig
Kennnummer 0761

8. Declared performance:

The product is used with the surface protection system consisting of the following components:

KÖSTER CT 121

KÖSTER CT 221

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Linear shrinkage	≤ 0,3%	System 2+ EN 1505-2	DIN EN 12617-1
Pressure resistance	Class I ≥ 35 N/mm ²		DIN EN 12190
CO ₂ permeability	S _d > 50 m		DIN EN 1062-6
Water vapor permeability	Class III (S _d > 50 m)		EN ISO 7783
Capillary water absorption and water permeability	w < 0,1 kg/(m ² h ^{0,5})		DIN EN 1062-3
Adhesion strength after test for temperature change compatibility (Exterior with influence of de-icing salts) Stress of rain storm (temperature shock, 10x) and freeze-thaw-attack with de-icing salt (50x)	After freeze-thaw-attack a) no cracks, bubbles, detachments b) tear test ≥ 2,0 (1,5) N/mm ²		DIN EN 13687-2 DIN EN 13687-1
Resistance to a strong chemical attack Class I: 3d without pressure Test liquids: Group 1,3, and 10	reduction of the hardener 24h after impact of medium (Buchholz or Shore) < 50%		DIN EN 13529
Impact resistance	No cracks or detachments		DIN ISO 6272-2
Tear test	≥ 2.0 (1,5) N/mm ²		DIN EN 1542

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Abrasion resistance ¹	< 3000 mg	System 4 EN 1504-2:2004	EN ISO 5470-1
Reaction to fire	Class E _{fl}	EN 1504-2:2004 System 2+	DIN EN 13501-1

1) Additionally, the requirements of EN 13813 have to be met.

The performance of the product identified above in No. 1 and 3 is in conformity with the set of declared performance according to No. 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified above in No. 4.

Signed for and on behalf of the manufacturer by:

Dr. Eike Kunst
(Research and Development Export)



.....29.01.2025.....
(place and date of issue)

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(signature)