

## Declaration of performance

### 1. Unique product type identification code

MASTERSTOP Bentonite swelling tape 25 x 20 mm  
MASTERSTOP Bentonite swelling tape 20 x 15 mm  
MASTERSTOP LONG TIME

### 2. Intended purpose

(as intended by the manufacturer and in accordance with the applicable harmonised technical specification)  
The sealing tape is used to seal construction joints in constructions with high resistance to water (watertight concrete) (watertight concrete) against the penetration of pressing and un-pressing water (e.g. ground water) an to soil mixture

### 3. Manufacturer

(Name, registered trade name or registered trademark and contact adress of the manufacturer)  
MASTERTEC GmbH & Co. KG  
Im Maintal 13  
96173 Oberhaid  
Deutschland

## Nr. 100-10-11-12-20

### 4. Authorised representative

(Name and contact adress)  
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### 5. System(s) for assessing and verifying the constancy of performance

(According to Annex V, all systems i.e., if applicable, several must be listed)  
System 3

### 6. European Technical Assessment

( Number and date of issue of the European Assessment Document (EAD) and of the European Technical Assessment)  
ETA-16/0735 from 13. September 2016  
EAD 320008-00-0605

Technical Assessment Body:  
DIBt (Deutsches Institut für Bautechnik) Berlin

Notified Body:  
NB 0800

### 7. Declared performance

(List of essential characteristics according to the harmonised specification)

Essential characteristics	Performance
Fire resistance according to EN 13501-1	Class E
Dimensions:	
Type: 20/15 mm	20/15 mm
Type: 25/20 mm	25/20 mm
Type: LONG TIME	25/20 mm
Watertightness in end use conditions	Admissible waterpressure: (incl. safety factor 2,5)
Type: 20/15 mm	up to 8 m
Type: 25/20 mm	up to 20 m
Swelling behaviour in:	
deionised water	16 days
alkaline solution	16 days
liquid with pH-value of 4.5	16 days
for MASTERSTOP LONG TIME	with time lag until the foil dissolve
Reversibility of swelling process	Reversible, swelling process in 9 - 10 days
Swelling pressure	> 0,64 Mpa

The performance of the above-mentioned product corresponds to the declared performances.

The creation of this performance is the sole responsibility of the manufacturer in accordance with number 3.

Signed for the manufacturer and in the name of the manufacturer by:

i.A.  Karl-Heinz Wels  
Dipl.-Ing. (FH) allg. Bauing.-wesen

**MASTERTEC GmbH & Co. KG**

Gewerbegebiet Unterhaid · Im Maintal 13 · D-96173 Oberhaid · Tel.: +49 (0) 9503 5047-0 · Fax: +49 (0) 9503 5047-20 · info@mastertec.eu

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