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## Test Report No. 1.1 / 13525 / 1049.0.1-2016e

### General

Issued : 28 February 2017

Order by : Dörken GmbH & Co. KG  
Wetterstr. 58  
58313 Herdecke/Ruhr, GERMANY

Material : Composite consisted of HDPE dimpled sheet (grey) and PP nonwoven (grey)  
**DELTA TERRAXX TP**  
(declaration by customer)

Order date : 02 September 2016

Samples delivered : 21 September 2016

Tests	Standard	Issue	Results as Enclosure No.
1. Compressive creep	DIN EN ISO 25619-1	06.2009	A1

The results apply exclusively to the specimens submitted.  
The date of testing is reported on the enclosed enclosure/-es.  
Results are reported to the accuracy given in the standards. In statistical evaluation, the measured accuracy is taken.

This test report contains 2 pages and 1 enclosure/-es (enclosure/-es A1 ).  
It may not be published in parts.

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**Summary of results**

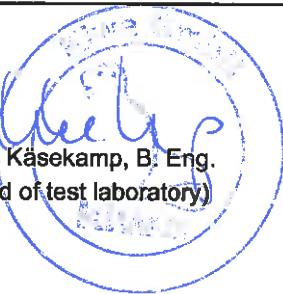
Date / Ref. : 28 February 2017 / mk

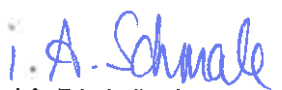
Order by : Dörken GmbH & Co. KG, Wetterstr. 58, 58313 Herdecke/Ruhr, GERMANY

Material : Composite consisted of HDPE dimpled sheet (grey) and PP nonwoven (grey)  
**DELTA TERRAXX TP**  
(declaration by customer)

Test	Standard	Unit	Result
<b>Compressive creep</b>	<b>DIN EN ISO 25619-1 06.2009</b>		
Normal stress 200 kPa			
Shear stress -			
Specimen 1			
Thickness after 1 h stress		mm	8,37
Thickness after 1006 h stress		mm	8,10
Specimen 2			
Thickness after 1 h stress		mm	8,30
Thickness after 1006 h stress		mm	8,01

  
i.V. Matthias Käsekamp, B. Eng.  
(Deputy head of test laboratory)



  
i.A. Friederike Schmale  
(Physiklaborantin, staff of test laboratory)



**Determination of the compressive creep properties DIN EN ISO 25619-1 (06.2009)**

Test Report No. : 1.1/13525/1049.0.1-2016  
 Company : Dörken GmbH & Co. KG  
 Material : DELTA TERRAX TP  
 Operator : br

**Test parameters**

Normal stress : 200 kPa  
 Shear stress :  
 Shear direction :  
 MD - machine direction, CMD - cross machine direction

Specimen 1	Specimen 2
95,7	x 96,3
8,37	= 0,0092 m <sup>2</sup>
	8,30

Specimen size [mm x mm] :  
 Thickness after 1 h [mm] :  
 Test temperature : 20°C ± 2°C  
 Remarks : Specimen with 25 dimples

**Results** Begin of the test: 16.01.2017

Specimen No.	Thickness mm	Displacement mm	Time [h]															
			0,017	0,033	0,067	0,13	0,25	0,5	1,0	2,0	4,0	9,6	22	46	94	166	335	671
1	8,02	8,58	8,54	8,50	8,45	8,41	8,37	8,33	8,30	8,25	8,22	8,18	8,17	8,15	8,13	8,11	8,10	
2	8,58	8,54	8,49	8,44	8,39	8,34	8,30	8,25	8,20	8,16	8,13	8,10	8,08	8,06	8,04	8,02	8,01	

