

CONSTRUCTION PRODUCTS TESTING LABORATORY

Сертификат за акредитация, рег. No 252 ЛИ /07.02.2014, валиден до 07.02.2018г.,
издаден от ИА БСА, съгласно изискванията на стандарт БДС EN ISO/IEC 17025:2006



QD 5.10.1_1
version: 06
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REPORT
FROM TESTING

№ 1 16 1661 / 15.06.2015

1. Flexible bituminous sheets for waterproofing:

D-Basis Standard roofing material, Boato line, produced by DOCKE Home Systems LLC, 44 Bolshaya Akademicheskaya, bldg 2, 127550 Moscow, Russia on April 6, 2015. Batch No 135, thickness – 1.6 mm

2. Test requested by:

Sercons company, Dubininskaya str., 33B, 115054 Moscow, Russian Federation, application № 2-0354 /26.05.2015

3. Test methods:

EN 1928:2000 Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Determination of watertightness.

EN 1109:2013 Flexible sheets for waterproofing - Bitumen sheets for roof waterproofing - Determination of flexibility at low temperature

EN 1848-1:1999 Flexible sheets for waterproofing - Determination of length, width and straightness - Part 1: Bitumen sheets for roof waterproofing

EN 1849-1: 1999 Flexible sheets for waterproofing - Determination of thickness and mass per unit area - Part 1: Bitumen sheets for roof waterproofing

EN 12310-1:1999 Flexible sheets for waterproofing - Part 1: Bitumen sheets for waterproofing - Determination of resistance to tearing (nail shank)

EN 12311-1:1999 Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of tensile properties

4. Date of delivery of samples to the laboratory

26.05.2015

5. Quantity of test samples :

2 rolls

6. Date of test:

28.05.2015 ÷ 15.06.2015

Laboratory manager:

/ eng. H. Angelova /



7. Test results:

№	Name of testing/ characteristic	Unit of measure	Standardized methods	sample №	Test results (uncertainty)	Environmental conditions	Deviations, additions or exclusions from the test methods
1	2	3	4	5	6	7	8
1.	Watertightness – presence of water penetration	Pass/Failed	EN 1928	1616-0	Pass	t°=23 C° RH 52%	No
Flexibility at low temperature – presence of cracks – at t = (-10)°C							
2.	- upper face	Pass/Failed	EN 1109	1616-0	Pass	-	No
	- lower face				Pass	-	No
3.	Length	mm	EN 1848-1	1616-0	15010	t°= 20 C° RH =57 %	No
4.	Width	mm			1003	t°= 20 C° RH =57 %	No
5.	Straightness	mm/m			3	t°= 20 C° RH =57 %	No
6.	Mass per unit area	kg/m²	EN 1849-1	1616-0	1.90	t°= 20 C° RH =57 %	No
7.	Tensile strength						
7.1	In a longitudinal direction	N/50mm	EN 12311-1	1616-0	1 390 2 390 3 350 4 390 5 370 average 378	t°=23 C° RH 52%	No
7.2	In a transverse direction	N/50mm	EN 12311-1	1616-0	1 180 2 190 3 210 4 200 5 190 average 194	t°=23 C° RH 52%	No



№	Name of testing/ characteristic	Unit of measure	Standardized methods	sample №	Test results (uncertainty)	Environmental conditions	Deviations, additions or exclusions from the test methods	
1	2	3	4	5	6	7	8	
8.	Relatively extension							
8.1	In a longitudinal direction	%	EN 12311-1	1616-0	1	1.0	t° =23 C° RH 52%	No
					2	1.5		
					3	1.5		
					4	1.0		
					5	1.5		
					average	1.3		
8.2	In a transverse direction	%	EN 12311-1	1616-0	1	2.5	t° =23 C° RH 52%	No
					2	2.5		
					3	2.5		
					4	2.3		
					5	2.5		
					average	2.5		
9.	Resistance to tearing (nail shank)-In a longitudinal direction	N	EN12310-1	1616-0	1	20	t° =23 C° RH 52%	No
					2	20		
					3	30		
					4	20		
					5	30		
					average	24		

Note I The test results apply to the samples only

Note II. The test certificate shut be entirely copied only and with agreement by the test laboratory

Tested by:.....

/A.Laskov/

/I.Ivanov/

Laboratory manager

/eng. H. Angelova /

