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EURO-ASIAN CONCIL FOR STANDARTIZATION, METROLOGY AND CERTIFICATION
(EASC)



EN 1109–
2011

(N 1109:1999, IDT)

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(ISO 3166) 004-97	(ISO 3166) 004-97	
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	UA	

4 N 1109:1999 Flexible sheets for waterproofing – Bitumen sheets for roof waterproofing – Determination of flexibility at low temperature ().

(en). 1.5–2001 (3.6).

5 – (IDT)

() ()
 « », – ()
 « ».
 » «

1
2
3
4
5
6
7
8
8.1
8.2
8.3
8.4
9 ,
9.1
9.2
9.3
10
.....
..... (.....)
.....

Roofing and hydraulic-insulating flexible bitumen-based materials.
Method for determination of flexibility at low temperature

1

(-)

()

2

ISO 5725-1:1994 Accuracy (trueness and precision) of measurement methods and results – Part 1:

N 1109>2011

General principles and definitions ()

1:)

ISO 5725-2:1994 Accuracy (trueness and precision) of measurement methods and results – Part

2: Basic method for the determination of repeatability of a standard measurement method (

() 2:)

3

:

3.1 (flexibility):

3.2 (cold bending temperature):

3.3 (crack): () ()

4

(180)

5

1.

(20 ± 0,1)

(30 ± 0,1)

(15 ± 0,1)

a

, 20 40 .
± 0,5 .

* 1:1 (25)
2:1 (20).

± 0,5 ;

, , -
(360 ± 40) / ,
(180).

6

[(140 50) ± 1]

8.3

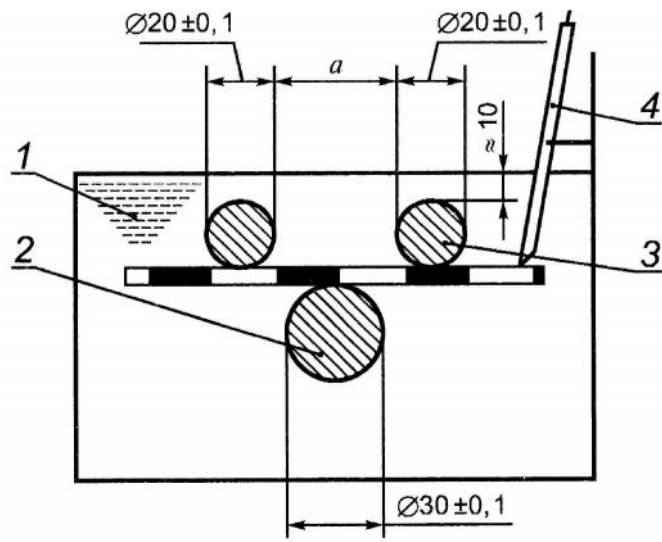
8.4

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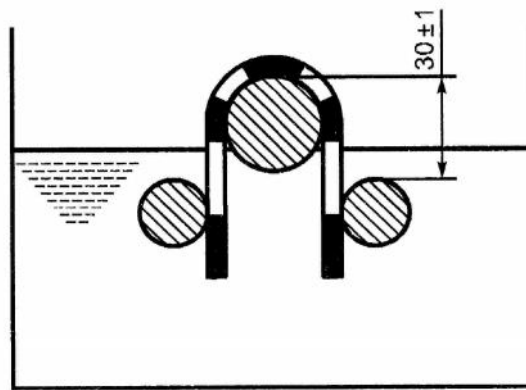
*

= 1,2

().



а) Начало изгибания



б) Конец изгибания

1 – ; 2 – ; 3 – ;

4 –

1 –

7

5 ($5 \cdot 10^5$),

0,5 .

$(23 \pm 2)^\circ$

4

8

8.1

(. 1),

32

a

10 ,

8.2

(± 0,5)

1 ± 5 .

8.3

8.3 8.4.

8.2

$(360 \pm 40) / ,$

(30 ± 1)

(. 1).

;

.

-

;

,

10 .

(

)

(

).

8.4

(,
) ,

8.3.

6 ° ,

6 ° (, 12 ° , 18 ° , 24 ° .).

2 ° ,

2 ° ,

9

9.1

8.3,

9.2

8.4 ,
(
).

9.3

ISO 5725-2

9.3.1

:
- $r = 1,2^\circ$;
- (95 %) $q_r = 2,3^\circ$;
- () $r = 3^\circ$.

9.3.2

:
- $R = 2,2^\circ$;
- (95 %) $q_R = 4,4^\circ$;
- () $R = 6^\circ$.

ISO 5725-1 ISO 5725-2.

10

- :
) , ;
b) ;
c) 6;
d) 7;
e) 9.1 9.2;
f) .

()

. .1

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ISO 5725-1:1994 () 1:		IDT	5725-1-2003 () - 1. -
ISO 5725-2:1994 (-) 2: - -		IDT	5725-2-2003 () - 2. - -
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