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



**31897–  
2011  
(EN 12691:2006)**

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( N 12691:2006, MOD)

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

4 N 12691:2006

Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of resistance to impact

[ ( ) ].

« » EN 13163:2001, ]

(en). 1.5-2001 ( 3.6).

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Roofing and hydraulic-insulating flexible bitumen-based and polymeric (thermoplastic or elastomer) materials. Method for determination of resistance to dynamic loading

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*N 13416-2011*

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3.1

(top surface):

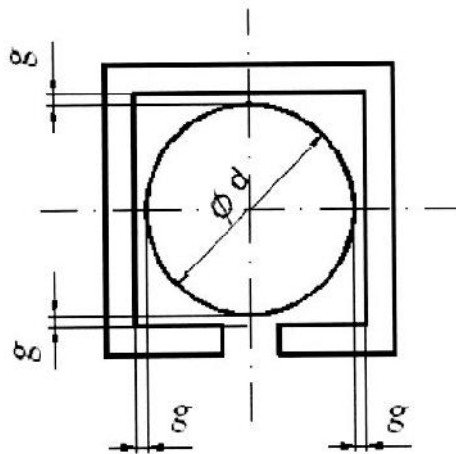
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5.1 – 5.7,

5.1

( 2 ).  
1.



$d$  – ( 25 30 );  $g$  – ( 0,5 1 );  
 $l$  – ( , );  $2$  –  
 1 – ( )

5.2

25 30 .

,

.

(500 ± 5) .

:

- 50 ;
- (10 ± 0,1) , 40 ;
- (12,7 ± 0,1) .

2.

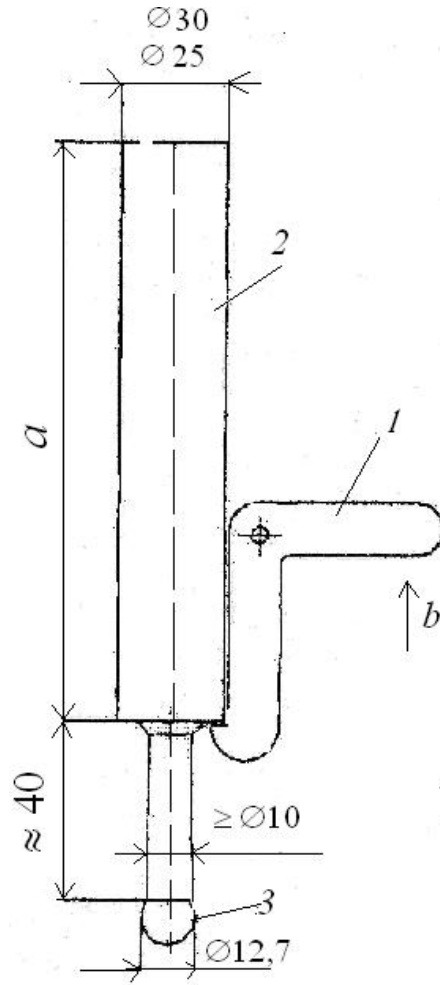
5.3

200 2000 ,

:

- 50 200 500 ;
- 100 500 1000 ;
- 250 1000 .

.



$a$  - ;  $(500 \pm 5)$  ;  
 $b$  - ;  
 $l$  - ; 2 - ; 3 - ;  
 2 -

**5.4**

2000

100 ( . 3).

**5.5**

**5.5.1**

a) : 5.5.2.

b) ( ):

5.5.3.

**5.5.2**

( )

AlMgSiF32

300 300 3 .



5.5.3

( )

300 300 50

10 %-

150

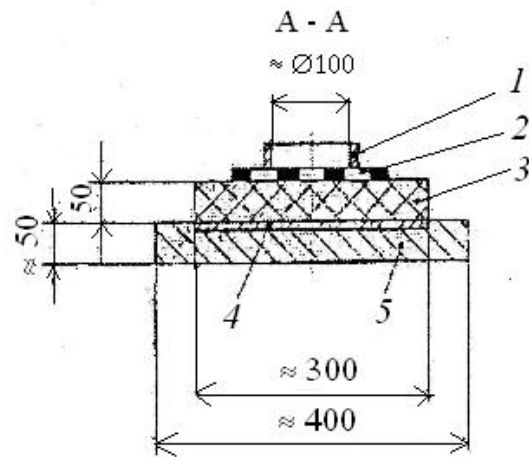
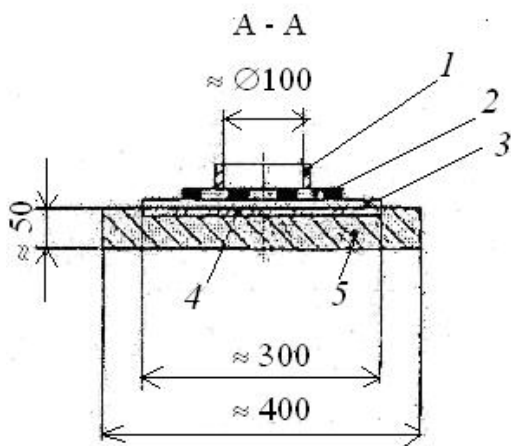
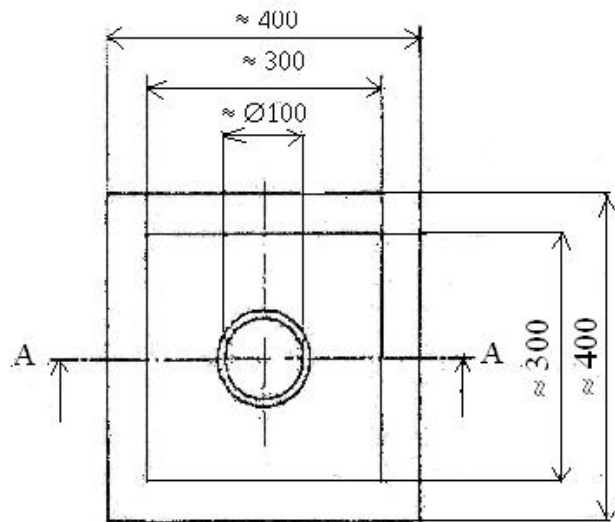
5.6

400 400 50

300 300 10 ( .

3).

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1 -

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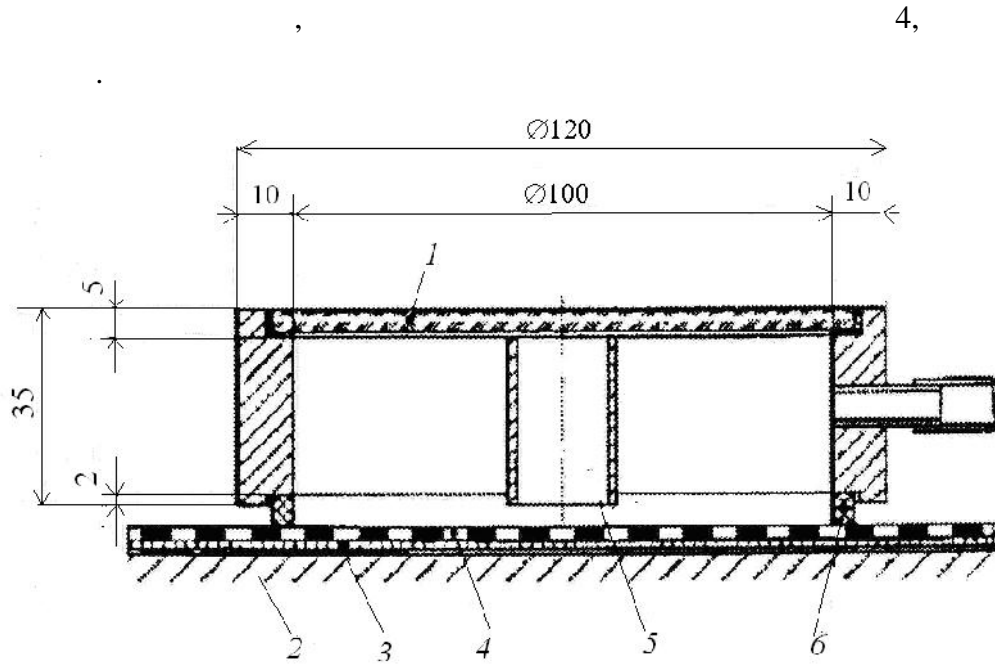
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3 -

5.7



1 - ; 2 - ; 3 - ; 4 - ;  
 5 - ; 6 - ;  
 4 -

6

N 13416.

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150 150 ,

100

24 .

8

$(23 \pm 2)^\circ$  .

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 25 ( )  
 50 ( ).  
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 5 ;  
 ,  
 15 60  
 ,

**9**

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 , ( ).

**10**

- :  
 ) , ;  
 b) ;  
 c) 6;  
 d) 7;  
 e) 8  
 ( );  
 f) 9;  
 g) .

( )

.1

N 13416:2001 . ( ):	IDT	N 13416-2011 - - ( ):
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