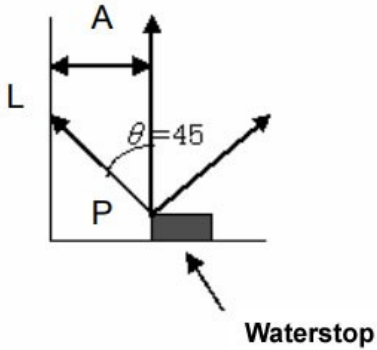


Our newest calculation for minimum coverage of P-201 is as follows:



$$P = p * B \quad (1)$$

$$P' = P * \cos\theta \quad (2)$$

$$L = P' / \tau_a \quad (3)$$

$$A = L * \sin\theta \quad (4)$$

<b>P</b>	Repulsive Force (kgf/cm)
<b>p</b>	Swelling Pressure of Waterstop (kgf/cm <sup>2</sup> )
<b>B</b>	Width of Waterstop (cm)
<b>P'</b>	Swelling Pressure of Waterstop for 45 direction (kgf/cm)
<b>L</b>	Length of 45 Direction (cm)
<b>Ta</b>	Allowable Shear Stress of Concrete (kg/cm <sup>2</sup> )
<b>A</b>	Minimum Coverage (cm)

In this case,  $p = 60$  (kgf/cm<sup>2</sup>) for ADEKA ULTRASEAL P-201 from our data.

Use this table as a guideline to determine suitability for product use. The table is the best estimation by the manufacturer of

Strength of Concrete	(psi)	2600	2600	2600	4300	4300	4300
	(kgf/cm <sup>2</sup> )	180	180	180	300	300	300
<b>Ta</b>		5.3	5.3	5.3	6.4	6.4	6.4
<b>p</b>		60	60	60	60	60	60
<b>B</b>	(cm)	0.64	0.95	1.27	0.64	0.95	1.27
	(inch)	1/4	3/8	1/2	1/4	3/8	1/2
<b>P</b>		38.1	57.15	76.2	38.1	57.15	76.2
<b>P'</b>		26.9	40.4	53.9	26.9	40.4	53.9
<b>L</b>		5.1	7.6	10.2	4.2	6.3	8.4
<b>A</b>	(cm)	3.6	5.4	7.2	3.0	4.5	6.0
	(inch)	1.4	2.1	2.8	1.2	1.8	2.3
<b>Minimum Coverage</b>	(cm)	4	6	8	3.5	5	7
	(inch)	2	3	4	1.5	2	3

ADEKA ULTRASEAL.

**NOTE:** The information contained herein is based on our present state of knowledge and is intended to provide general notes on Adeka Waterstops and their use. Any recommendations or suggestions, which may be made, are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained in this publication shall be construed as a recommendation for any use that may infringe patent rights. Readers are cautioned to satisfy themselves as to the suitability of such goods for the purposes intended prior to use.

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