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## 2007 & 2012 Crawl Space Membrane Adhesive Test

Four typical crawl space membranes are listed below. In the left column are commonly available sealant materials. Each of the sealants was used to adhere 6" by 6" pieces of the different membranes to a concrete masonry block. After the membranes had two weeks to dry the holding power of each adhesive was measured in pounds of pressure. The higher the number the great number of pounds of pulling pressure was required to remove the membrane from the concrete block. Note that some adhesives work excellent for one type of membrane but have little holding power for another type of membrane. This test is only an approximation of the holding power of each adhesive.

### PDF of Adhesive Test

<b>Caulks/Glues</b>	<b>Reinforced 6 mil Poly</b>	<b>Rufco 400 black side 4.5 mil</b>	<b>Rufco 400 white side 4.5 mil</b>	<b>Dura Skrim black white 6 mil</b>	<b>Dura Skrim white side 6 mil</b>	<b>EPDM 45 mil reinforced</b>
<b>Titebond Radon Sealant</b>	<b>30</b>	<b>25</b>	<b>30</b>	<b>30</b>	<b>25</b>	
<b>Eternabond Adhesive Tape</b>	<b>16</b>	<b>23</b>	<b>22</b>	<b>27</b>	<b>26</b>	
<b>Nuflex 110 Sealant Butylique</b>	<b>18</b>	<b>6</b>	<b>5</b>	<b>25</b>	<b>25</b>	<b>9</b>
<b>Dupont Siliconized Acrylic Airtite</b>	<b>8</b>	<b>16</b>	<b>30</b>	<b>2</b>	<b>30</b>	

<b>Geocell 3300</b>	<b>&lt; 1</b>	<b>30</b>	<b>30</b>	<b>10</b>	<b>8</b>	<b>60</b>
<b>Geocell 2000</b>	<b>30</b>	<b>4</b>	<b>5</b>	<b>&lt; 1</b>	<b>5</b>	<b>55</b>
<b>Pecora Dynatrol i-XL</b>	<b>&lt; 1</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>60 +</b>
<b>Loctite PL300</b>	<b>&lt; 1</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>	
<b>CRL Polyurethane M66L</b>	<b>&lt; 1</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>&lt; 1</b>	<b>60 +</b>
<b>Loctite Power Grab</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	
<b>Liquid Nails Heavy Duty Const. Adhesive</b>	<b>&lt; 1</b>	<b>2</b>	<b>1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>16</b>
<b>Sika Const. Adhesive Urethane</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>10</b>
<b>Sika Const. Sealant Urethane</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>30</b>
<b>PurStick Professional Gun Foam</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>&lt; 1</b>	<b>10</b>