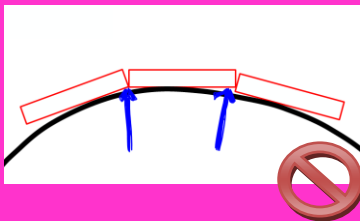

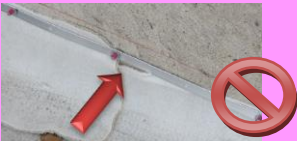





Quick tips for Bentonite installations

When installing Bentonite membrane on your project, please review these few items with your team as soon as possible.

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|----------|--|----------|--|----------|---|
| <p>①</p> | <p>The soil/water MUST be tested prior to Bentonite use...Contact your sales representative ASAP. <i>Test could take up to a week. Plan accordingly.</i></p> | <p>②</p> | <p>Is there water flow at installation grade...if so, discuss with the manufacturer about material containment.</p> | <p>③</p> | <p>Discuss backfilling materials and compaction requirements to be used with the manufacturer.</p> |
| <p>④</p> | <p>Have a hydration assessment from the manufacturer if the membrane gets wet during installation.</p> | <p>⑤</p> | <p>The membrane could take up to 2 weeks to "weather-in" after installation.</p> | <p>⑥</p> | <p>Do not expose at grade...discuss with the manufacturer when UV is an issue.</p> |
| <p>⑦</p> | <p>Voids in the substrates are to be avoided...the Bentonite membrane must be against something solid.</p> <p><i>Plan to fill all voids such as form ties, honey combing, and chamfers.</i></p> | <p>⑧</p> | <p>When insulation is going against the Bentonite membrane ...make sure that voids are avoided. <i>(Think curved substrate & straight insulation boards)</i></p>  | <p>⑨</p> | <p>Make sure that any MEP items are lifted off the Bentonite membrane with the approved chairs <u>*no point loads.</u> <i>(do not lay the MEP items directly on the Bentonite membrane)</i></p>  |
| <p>⑩</p> | <p>It is important that Bentonite Membrane is properly terminated at the top of the system...use stainless steel termination bars and corrosion resistant fasteners at 6"-12" o.c.</p>  | <p>⑪</p> | <p>When the Bentonite Membrane turn direction, make sure that the membrane is fully supported...horizontal to vertical transitions must installed w/ Mfr canted material.</p>  | <p>⑫</p> | <p><u>Not all Bentonite Membrane are vapor barriers.</u> Review with the Manufacturer and install a separate vapor barrier when needed. <i>– discuss the location of the vapor barrier. (under slab vapor barrier shall have a perm rating of 0.1 or less)</i></p> |

