

Re: Damproof cable

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- *From:* dplatt@xxxxxxxxxxxx (Dave Platt)
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In article <fv9qdq\$ed1\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>, N_Cook <diverse@xxxxxxx> wrote:

But heatshrink leaves a capillary path.

If there was a way of making sure the conductor stayed reasonably axial then a few inch length of hotmelt glue around the conductor and then remelted/compressed in the process of contracting heatshrink sleeving around that, would probably be ok. After the first few inches bond to normal sleeving.

That same effect can be achieved with what's called "flooded" or "dual wall" heatshrink tubing. It consists of two layers, the outer being the usual sort of heatshrink material and the inner being a near-equivalent to hot-melt glue.

Put some of this around the conductor or joint, apply heat, the inner layer melts, the outer layer shrinks and forces the molten goop into a bond with the conductor, and (frequently) a bit of the excess goop expresses out of the end to let you know that it's on the job and working. Allow to cool, and you're good to go.

Flooded heat-shrink is rather more expensive than standard single-wall but is well worth the cost if you're installing wires which will be exposed to moisture.

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