

How to repair "end grain" leaks.

**1.** End grain leaks, usually in the croze, can be plugged with a spile.





**2.** The first step is to use a hammer and a "scratch awl" (spile-shaped punch) to make a hole where you see the leak, to accommodate the spile.





**3.** Next, you snip off the end of the spile if it is too pointy (need it blunt) and insert it into the hole. Use a hammer to tap the spile into the hole you have made. It should fit snuggly, but don't over do it.





**4.** Then use a wood chisel to cut off the excess spile material. The blade of the chisel should be face up to make a clean cut. If necessary, smooth the exposed spile ends with sand paper to make a nice, clean finish. *Done!* 



