

How to Join Pipe and Fittings

Tools Required: Handsaw & mitre box or power mitre saw, knife or file, two rags, primer and/or cement



1. Cutting the Pipe

Use a handsaw and mitre box or a power mitre saw to cut the pipe squarely.



2. De-Burring

Remove all the burrs from the inside and outside of the pipe with a knife or file.



3. Cleaning

With a clean rag, remove any dirt, grease and moisture from the pipe.



4. Dry Fit

Check the pipe and fittings for fit (dry) before cementing. Make alignment marks on the pipe and fitting to ensure correct alignment when cementing.



5a. For PVC Pipe and Fittings

Apply primer at the end of the pipe equal to the depth of the fitting socket. Also apply primer to the fitting socket. The cement is then applied over the primer on both the pipe and fitting. If possible, twist the pipe one quarter turn as you insert it.



5b. For ABS Pipe and Fittings

Apply the cement in the same method (primer not required). Note: DO NOT brush the cement out in a thin layer or it will dry in a few seconds. Attach the pipe to the fitting without delay. Cement must be wet. If possible, twist the pipe one quarter turn as you insert it.



6. Setting

Hold the pipe and fitting together for 30 seconds to eliminate pushout. Using a cloth, remove all excess cement from the pipe and fitting.

Always refer to local plumbing codes.
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