

How To Drill Cores

When you need to drill a core into the wall for plumbing or electrical conduits it is important that you use the best tool for the job. The right tool means you will do it accurately and quickly without damaging either the power tool or the cutting edge.

Suppliers of cutting products for the building industry, Diamond Products, gives us some tips on coring. They produce a big range of high performance dry cut bits that offer great performance and their products are affordable.

This is how

Using a dry-cut core bit like the LD10, that is designed and manufactured specifically for the plumbing, electrical and air-conditioning industries, you can use a standard drill (800 - 1200 Watt Drill) running between 1800 - 2200 RPM.



Step 1

Drill a pilot hole using a 14 mm masonry drill bit in the wall with a standard drill.



Step 2

Use the hole as a guide, by inserting the pilot extension into the hole. Start drilling (with your drill running at 1200 - 2200 RPM).



Step 3

Gently move the Dry-Core bit in and out to clear the dust and avoid binding or caking of material on the cutting edge.



Remember no force is needed because the tool will do the work for you.



Step 4

Once you've cut through the first brick, remove the Dry-Cut bit and tap the bit until the core is removed.



Step 5

Re-insert the Dry-Core bit to start the process again to drill through the second brick.



Step 6

Remove the core and you will have a perfectly, neat hole for inserting pipes, cables, etc.



Remember

Do not use hammer action when drilling cores. Even if the material is hard and the going is slow always let the tool and the bit do the work. Never put too much force behind the tool to try and cut faster, as this can damage the power tool over a period of time. It will also blunt the bit quicker and probably not make your work go any quicker.

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