

### **REMEMBER: Safety first!! Use goggles and earplugs!**

#### **Drilling into a tile**

##### **Preparation:**

Mark the drilling points with a marker. Do not drill into the grout lines as it doesn't provide strong enough support.

##### **Measure to ensure fixtures are level:**

Use your spirit level to ensure the drilling points are in line. TIP: Don't measure from the floor or ceiling, as it's possible that they are not level.

##### **What drill bits to use?**

Use a spade or diamond tip hollow point drill bit.

##### **Procedure:**

Depending on your wall, you will need to swap the diamond hollow point drill bit with a timber or masonry bit once through the tile.

Set your drill to high-speed. Start with the drill at an angle and then move into a vertical angle when you have cut a small groove. Don't use too much pressure. Let the drill bit do the work and always use water to cool the bit down.

##### **Apply the fixtures:**

Insert your wall plugs if necessary and then screw your screws into in the fixture. Screw it in tight enough not to move, but not enough to crack the tile.



#### **National Tiles Tips:**

- Practice drilling into off-cuts until you're confident to do your walls.
- Normal drill bits will skip off the tile and scratch them, don't use the hammer option on your drill as this will make it worse.
- Measure well; think about where the fixtures will go and how they will be used.