## DIAMOND CORE CUTTER

FOR NATURAL STONES & CERAMIC TILES





# **OPERATING (DRILLING) INSTRUCTIONS**

#### Water Lubrication:

- The area to be drilled must always be kept wet.
- Lubricate the surface every 20 seconds or so while drilling.

### Reduced Drilling Speed:

- Drilling tile is a slow process that can take 45 seconds 2 minutes depending on the thickness and hardness of the material.
- Recommended RPM: Porcelain: 600 800 RPM

Marble: 800 - 1000 RPM Granite:

400 - 600 RPM

#### Low Drill Pressure:

- When drilling, use light pressure combined with a slow up and down motion to allow coolant to penetrate hole.
- A diamond drill bit should only be warm to the touch after use.

### Warning:

- Never use hammer action.
- Avoid slippage by starting to drill at 45° angle.
- Brown or blue marks on the tip indicate burning, typically a result of excessive drill speed, drill pressure or insufficient lubrication.





DIAMOND CORE CUTTER NATURAL STONE CERAMIC TILE



Drilling without lubrication can severely reduce drill bit life