



## Crystalline Silica Analysis Report No: 55100

CLIENT:	Karndean	RECEIVED IN LAB:	9 March 2023
ATTENTION:	Dale McGonagle	DATE ANALYSED:	10 March 2023
PRODUCT NAME:	Karndean Knight Tile SPC Rigid Core	CLIENT CONTACT:	1800 331 170

### 1. INTRODUCTION

A flooring sample was received with a request for determination of its crystalline silica content.

### 2. PROCEDURE

The sample was ashed at 500°C to remove the organic component. The ash was pulverized then analyzed by X-ray diffraction to identify the minerals present. X-ray diffraction (XRD) identifies minerals via their crystal structure.

### 3. RESULT

Name	Crystalline Silica (Quartz) Content (wt%)	Other minerals detected
Karndean Knight Tile SPC Rigid Core Hybrid 4.5mm	Not detected	Calcite

Calcite is calcium carbonate and is non-hazardous – calcite powder is usually derived from pulverised marble or limestone rock.

Michael Till  
Testing Officer  
Senior Mineralogist