

XRD ANALYSIS

CLIENT:

REPORT NO: 0224-1

DATE: 16/2/24

NAME: RFQ - Manufactured stone

XRD ANALYSIS

A representative portion of the tile sample was pulverised, and the powder diffraction to identify the minerals present. The amorphous component is the crystalline components have been allocated percentages.

MINERALOGY

The mineralogy of the sample (estimated weight %) follows.

Mineral name	Composition	Relative
		RFQ - Manufactured stone
Quartz (crystalline silica)	SiO ₂	Not detected
Rutile	TiO ₂	1.5
Amorphous	unknown	98.5

The estimated quartz detection limit is 0.1%

DISCUSSION

Amorphous material was the dominant component detected in the sample of RFQ - Manufactured stone. Rutile was also detected in trace quantities.

Crystalline silica minerals were not detected in the sample of RFQ – manufactured stone.

Photograph of sample tested presented overleaf.

TESTED BY: Thomas Baggs & Michael Till¹

¹ Ancillary XRD services within this report performed by Agon Environmental.
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Image 1: Appearance of sample as received from client.