

# QUATTRO

## CONTRACTING (PENRITH) LTD

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## MMA—QUARTZ



### DESCRIPTION

MMA Quartz Structure is a hard wearing, decorative resin floor topping made up of colour stable quartz granules encapsulated in a clear acrylic resin binder.

MMA Quartz Structure has been developed to enable very fast track applications, typically 2 hours curing time to receive full traffic.

MMA Quartz Structure is a scatter and seal system with a textured satin finish.

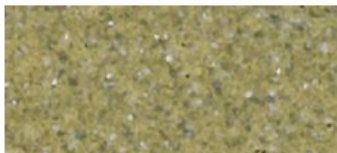
### USES

Ideal for use in dry process areas where the floor is subject to heavy traffic, impact and chemical spills.

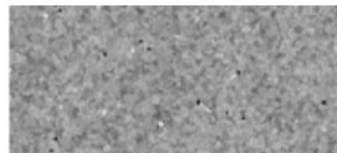
### BENEFITS:

- ◆ Decorative floor finish
- ◆ Rapid installation
- ◆ High scratch resistance
- ◆ Slip resistant textured finish
- ◆ Excellent wear and impact resistance
- ◆ Seamless, hygienic finish
- ◆ Abrasion resistant
- ◆ High chemical resistance
- ◆ Excellent resistance to UV light

### Standard Colour Chart Commercial Range



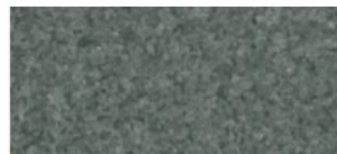
Biscuit 102



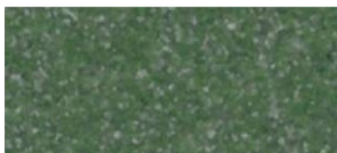
Light Grey 701



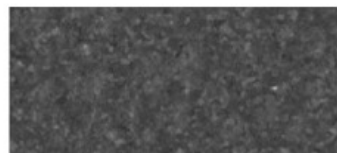
Beige 101



Mid Grey 702



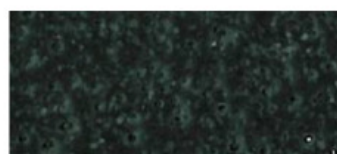
Grass Green 601



Dark Grey 703

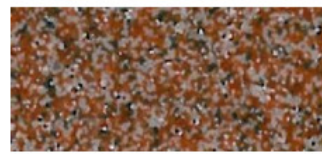


Mid Blue 501

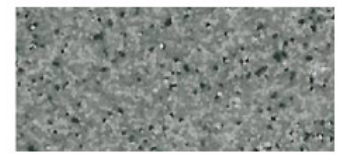


Black 901

### Industrial Range



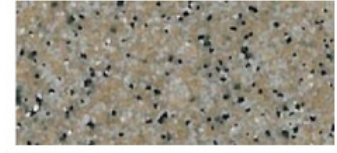
Red 301



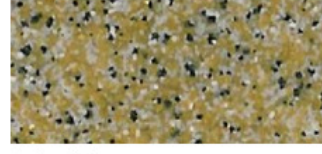
Grey 704



Green 602



Cream 103



Yellow 104



Blue 502

The applied colours may differ slightly from the examples shown above.  
 Contact our customer services for a true colour sample or a special colour match.  
 Special corporate colours and designs can be produced to order (restrictions apply).

## MMA QUARTZ TECHNICAL DATA

### Model Specification

Product: MMA Quartz

Finish: Satin

Preparatory work and application in accordance with suppliers instructions.

Supplier: Quattro Contracting (Pen) Ltd

Telephone: Customer Service +44 (0) 1768 868004

### Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry to 95% RH as per BS8204 and free from rising damp and ground water pressure.

MMA Damp Primer can be used for substrates up to 100% RH (surface dry).

### Products Included in this System

#### Structure (for 4 mm)

Primer: MMA Primer @ 0.3-0.5 kg/m<sup>2</sup>

Scatter: Natural Quartz size 8 (0.3 - 0.8 mm) @ 0.3 kg/m<sup>2</sup>

Bodycoat: Mix 1 part weight MMA Binder  
to approx 2 parts of MMA SNL  
Filler

Apply the topping @ 4.5 kg/m<sup>2</sup> (for 2.5 mm) Scatter:

Coloured Quartz size 8 @ 0.3 - 0.5 kg/m<sup>2</sup> Sealer:

MMA Sealer @ 0.6 kg/m<sup>2</sup> (total for two coats).

Detailed application instructions are available upon request.

### Installation Service

The installation should be carried out by an approved contractor with a documented quality assurance scheme.

### Environmental considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Quattro

Contracting (Pen) Ltd staff and fully trained and experienced contractors.

### Important Note

Quattro Contracting (pen) Ltd's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

### Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. Tailored properties can be achieved with the selection of specific resins that are available on request.

12		
EN 13813 AR0.5-B2.7-IR10.0 Synthetic screed material for use internally in buildings		
Reaction to fire	C <sub>1</sub> - s1	(EN 13501-1)
Impact Resistance	IR10.0	(EN ISO 6272)
Wear Resistance	AR0.5	(EN 13892-4)
Bond Strength	B2.7	(EN 13892-8)

Slip Resistance	Dry >40	low slip potential
Method described in BS 7976-2	Wet >40	low slip potential
(typical values for 4-S rubber slider)	(in accordance with HSE and UKSRG guidelines)	

The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/ or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/ or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

Fire Resistance EN 13501-1 - CFL - s1  
Temperature Resistance Tolerant of sustained Temperatures up to 70°C.  
Water Permeability Nil – Karsten test. (impermeable)  
Chemical Resistance Good resistance to tea, coffee, cola, fruit juice, soaps and bleach.  
Bond Strength Greater than cohesive strength of 25 N/mm<sup>2</sup> concrete. > 1.5 MPa.  
Complies with BS 8204-6/FeRFA category 6.

### Speed of Cure (per coat)

Walk on 1 hour

Full traffic & chemical cure 2 - 3 hours

Cure at temperatures in the range 0°C to +30°C can be achieved by altering the quantity of catalyst used.

For applications below 0°C, please consult Technical Department.

### Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.