



### KEIM MX Glaze Colour

#### 1. Product description

An engineered siloxane coating that embodies the properties of both a high performance epoxy and a polyurethane in one coat. General purpose high gloss coating offering good weathering and wear resistance. May be used internally as part of a certified fire retardant system for upgrading multi layer painted substrates.

#### 2. Field of application

Provides a wipeable, durable surface that has good Anti-Graffiti properties for all mineral substrates including upgrading of multi layer paint systems.

#### 3. Product properties

- Very low odour
- Gloss in appearance
- Applied by brush, roller or spray

#### Material Data:

<b>Finish:</b>	Gloss			
<b>Colour:</b>	14 Keim shades			
<b>Volume solids:</b>	90% (ASTM D2697, modified)**			
<b>Flash Point (closed cup):</b>				
Resin:	97°C			
Cure:	96°C			
<b>VOC:</b>	8% by weight / 120g/l			
<b>Specific gravity:</b>	1.36 kg/l (mixed product)			
<b>Pot life:</b>	4 hours (20°C)			
<b>Drying times:</b>	at 125 µm dft and 20°C in hours			
	30°C	20°C	10°C	5°C
dry to touch	1	2	4½	7
dry through	3	4½	8½	16
<b>Mixing ratio (by volume):</b>				
Resin:	4 parts			
Cure:	1 part			

#### 4. Application instructions

##### Substrate Preparation:

Fire retardant system: surfaces should be treated with a single coat application of Keim Granital FRG. Refer to project proposal report for Keim Granital FRG specification details.

Surfaces treated with Keim Granital FRG shall be left for a minimum period of 12 hours and a maximum period of 24 hours.

##### Product application:

Apply a thin and even coat by brush or short-pile roller. Add cure to resin and stir thoroughly with mechanical mixer for 5 minutes, avoid entrapment of air in the coating which will result in bubbles and blisters. Keim MX Glaze is supplied in the proper mixing proportions of resin and cure.

Spray application using either:

**Airless spray** – Standard equipment with a 30 to 1 pump ratio or larger with a 0.015- to 0.021-in. (0.38 to 0.53 mm) fluid tip.

**Conventional spray** – Industrial equipment such as DeVilbiss MBC or JGA spray gun with 78 or 765 air cap and "E" fluid tip, or Binks No. 18 or 62 gun with a 66 x 63 PB nozzle set up. Separate air and fluid pressure regulators, and a moisture and oil trap in the main air supply line are recommended.

Cannot be low pressure sprayed.

Spray procedure:

Flush equipment with thinner or Keim MX Glaze Cleaner (for tools) before use. Apply a wet coat in even, parallel passes, overlap each pass 50 percent to avoid holidays, bare areas and pinholes. If required, follow with a cross spray at right angles to first pass. Clean all equipment with thinner or Keim MX Glaze Cleaner (for tools) immediately after use.

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## Consumption:

Approx. 0.1 lt/m<sup>2</sup> per coat on smooth surfaces

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

## 5. Packaging

16 lt in a 20 lt container

4 lt in a 5 lt container

## 6. Storage

1 year from shipment date when stored indoors in unopened, original containers at 5°C to 40°C.

## 7. Hazardous substances ordinance class

Do not smoke when processing, do not inhale spray dust. Take precautions that it does not get in to canalisation.

## 8. Transport hazard class

### Cure:

Classification: 8

### Resin:

Classification: n/a

## 9. Safety instructions

Cover surfaces, which are not to be treated, in particular plants, etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Refer to appropriate COSHH data sheets.





## KEIM MX GLAZE CLEAR

### 1. Product Information

An engineered siloxane coating that embodies the properties of both a high performance epoxy and polyurethane in one coat. General purpose high gloss coating offering good weathering and wear resistance. May be used internally as part of a certified fire retardant system for upgrading multi layer painted substrates.

### 2. Field Of Application

Provides a wipe able, durable surface that has good Anti-Graffiti properties for all mineral substrates including upgrading of multi layer paint systems.

### 3. Product Characteristics.

- Very low odour
- Gloss in appearance
- Applied by brush or roller

### Material Data:

<b>Finish:</b>	Gloss			
<b>Colour:</b>	Clear or to 14 Keim shades			
<b>Volume solids:</b>	90% (ASTM D2697, modified) **			
<b>Flash Point (closed cup):</b>				
Resin:	97°C			
Cure:	96°C			
<b>VOC:</b>	8% by weight / 120g/l			
<b>Specific gravity:</b>	1.36 kg/l (mixed product)			
<b>Pot life:</b>	4 hours (20°C)			
<b>Drying times:</b>	at 125 µm dft and 20°C in hours			
	30°C	20°C	10°C	5°C
Dry to touch	1	2	4½	7
Dry through	3	4½	8½	16
<b>Mixing ratio (by volume):</b>				
Resin:	5 parts			
Cure:	1 part			

### 4. Application

#### Substrate Preparation:

Fire retardant system: surfaces should be treated with a single coat application of Keim Granital FRG. Refer to project proposal report for Keim Granital FRG specification details.

Surfaces treated with Keim Granital FRG shall be left for a minimum period of 12 hours and a maximum period of 24 hours.

#### Product application:

Apply a thin and even coat by brush or short-pile roller. Add cure to resin and stir thoroughly with mechanical mixer for 5 minutes, avoid entrapment of air in the coating which will result in bubbles and blisters. Keim MX Glaze is supplied in the proper mixing proportions of resin and cure.

#### Consumption:

Approx. 0.1 lt/m<sup>2</sup> on smooth surfaces

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

### 5. Packaging

4.5 lt container

### 6. Storage/ shelf life

1 year from shipment date when stored indoors in unopened, original containers at 5°C to 40°C.

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## 7. Working Instruction

Do not smoke when processing, do not inhale spray dust. Take precautions that it does not get in to canalisation.

## 8. Danger Class in Goods traffic

### Cure:

Classification: 8

### Resin:

Classification: N/A

## 10. Safety Instructions

Cover surfaces, which are not to be treated, in particular plants, etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Refer to appropriate COSHH data sheets.



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