

Metallic Expressions



Description

Metallic Expressions is a decorative, hard wearing, chemical resistance, advance polyurea resin technology providing a unique and versatile metallic expression floor finish.

Uses

Used ideally in commercial applications, shops and showrooms, designer outlets, department stores, restaurants, reception halls and exhibition areas, casinos, trendy bars and cafes, night clubs, museum and art galleries.

Benefits

- Attractive metallic effects floor finish
- Versatile design potential
- Chemical resistant
- Hard wearing
- Abrasion resistant
- 100% Solids, low odour
- Seamless and hygienic finish
- Low maintenance
- UV light stable

Project References

Available on request.

Standard Colour Chart



Grey Goose



Blue Lagoon



Sangria



Merlot



Latte



Cosmo

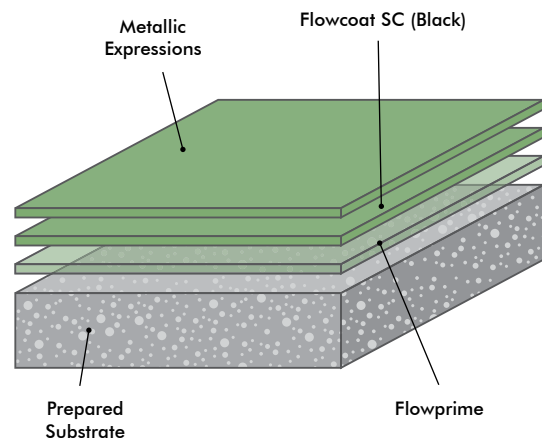


Coffee



Mojito

System Design



Model Specification

Product: Metallic Expressions
Finish: Gloss
Thickness: Dependant on Specification
Colour: _____
Preparatory work and application in accordance with suppliers instructions.
Manufacturer: Flowcrete Middle East FZCO
Telephone : Customer Service +971 4 886 4728

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure.

Products Included in this System

Flowprime
Flowcoat SC (Black)
Metallic Expressions

For actual coverage rates, refer to the appropriate project specification.

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at www.flowcrete.ae

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 the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Fire Resistance	BS476-7:1987 Class 1 Surface spread of flame
Slip Resistance	TRRL Pendulum Slip Test Dry >40 Wet, depends on specification
Temperature Resistance	Tolerant up to 70°C
Water Permeability	Nil – Karsten test (impermeable)
Surface Hardness	180secs. Koenig Hardness Test
Chemical Resistance	Contact Technical Department
Abrasion Resistance	Taber Abrader: 50mg loss per 1000 cycles (1 kg load using CS17 wheels)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa.

Speed of Cure

	20°C	35°C
Light Traffic	19 hrs	15 hrs
Full traffic	24 hrs	20 hrs
Full chemical cure	7 days	6 days

Low relative humidity and good ventilation are pre-requisites to achieving the above drying times.

Aftercare - Cleaning and Maintenance

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

Important Note

Flowcrete'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.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.