

Metallic Expressions



Description

Metallic Expressions is a highly decorative, hard wearing, advanced polyurea floor finish that provides a unique metallic finish for a wide range of modern commercial settings.

The material, which provides clients with a completely seamless finish, is installed using specialist application techniques to create a molten metal effect across the surface of the floor.

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

- Highly decorative metallic floor finish
- Versatile design potential
- Exceptional wear resistance
- Easy to clean and maintain
- Seamless hygienic finish
- UV light stable

Standard Colour Chart



Grey Goose



Blue Lagoon



Sangria



Merlot



Latte



Cosmo

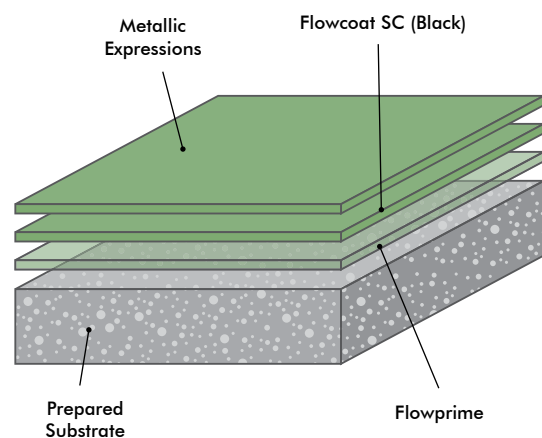


Coffee



Mojito

System Design



Model Specification

System: Metallic Expressions
Finish: Gloss
Thickness: Dependant on Specification
Preparatory work and application in accordance with manufacturer's instructions.

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
Metallic Expressions Spray Additives

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.flowcreteasia.com

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 Flowcrete staff and fully trained and experienced contractors.

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.

Technical Information

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

| | |
|--|---|
| Slip Resistance Method described in BS 7976-2 (typical values for 4-S rubber slider) | Dry > 40, Wet depends on specification (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.

| | |
|------------------------|---|
| 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.

Customer Service

For more information regarding this product please contact your local Flowcrete office:

| | |
|---------------------|------------------|
| Flowcrete Asia | +60 3 6277 9575 |
| Flowcrete Hong Kong | +852 2795 0478 |
| Flowcrete China | +86 10 8472 1912 |
| Flowcrete Thailand | +66 2539 3424 |
| Flowcrete Indonesia | +62 21 252 3201 |
| Flowcrete Vietnam | +84 8 6287 0846 |

Visit our website for more locations.

Further Information

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