

## PRODUCT DATA SHEET

### PRODUCT NAME

Isoflex – MCP

### MANUFACTURER

Société Raymond Barakeh SAL.  
Bauchrieh, Industrial City, Sector 7, 40 – Street 86  
Ph. 00961 1 690594 [www.barakeh.com](http://www.barakeh.com) Beirut – Lebanon.

### PRODUCT DESCRIPTION

Isoflex MCP is a plastic wall covering made of the finest marble granules and raw materials based on synthetic resins. It can be applied to walls by a trowel. It may be applied on concrete, asbestos, wood etc...

It's first grade quality guarantees the maximum resistance to atmospherically agents.

### APPLICATIONS

•Cracks should be clean, primed by Isoflex-FCW dissolved in water at 100% and filled by Isoflex Acrylic Caulk without exceeding a thickness of 10mm each time.

•The surface to be covered should be clean, dry and exempt from greasy, oily substances or any product, which may cause a barrier of adhesion between Isoflex – MCP and the surface covered.

•Isoflex – MCP is applied in 1 coat.

A- Isoflex-MCP is supply ready to use.

B- Eliminate from old types of support, paint which is not perfectly stuck. Before application remove lime, dust etc...

C- It is advisable to apply by brush or roller a prime coat of 30% diluted Isoflex-FCW

D- Spread Isoflex-MCP on walls with the help of a trowel to obtain the final decorative touch.

E- Stir well coat with a steel trowel, eliminate imperfections in finishing.

It is advisable to stop application only when discontinuity lines (corner or edges) have been reached.

### ADVANTAGES

*	Isoflex – MCP adheres to all surfaces including old or new concrete, plaster, asbestos, wood, masonite etc...
*	Isoflex – MCP does not attract dust.
*	Isoflex – MCP is offered, in any of the colors available in our Isoflex-MCP catalog.
*	Recommended coverage per kilogram 4.5 square meters.

### APPEARANCE

ISOFLEX – MCP –is opaque acrylic paste marble chips.

### PRETREATMENT FOR PAINT

Water can penetrate through most paints and coatings. This leads to damp substrates and blistering and peeling of paint. Pretreating concrete, masonry, or stucco with ISOFLEX - FCW prior to painting keeps walls drier and extends the life of the paint.

ISOFLEX – FCW is compatible with most latex and other paints. But to assure compatibility between paint and pretreatment, a small test application is recommended.



**Surfaces:** Mix well before using. Test small area before starting general application to assure desired results and coverage rates. Apply when surface and air temperatures are between 40°F to 110°F or 4.44°C to 43.33°C.

**Dry Time:** To touch, or 2 to 4 hours depending on temperature and humidity.

### FEATURES

*	Long lasting; resists to UV rays, rain, heat and frost, thus retains its original properties for years without cracking, blistering and fading.
*	High water vapour permeability allowing the building to breathe.
*	Alkali resistant.
*	Water resistant.
*	Decorative with its natural texture and many colors.
*	Solvent free and practically odorless,
*	Water thinnable and ecologically compatible.

### TECHNICAL DATA

Colors	:	Available in many original colors.
Texture	:	Contains fine, natural colored marble chips
Solids (Vol. %)	:	68 ± 2 According to ISO 3233:1998 (E).
Composition	:	Acrylic emulsion based.
Thinner	:	Water.

### FILM THICKNESS AND SPREADING RATE

	Minimum	Maximum	Typical
Film thickness, dry (µm)			
Film thickness, wet (µm)			
Theoretical spreading rate (m <sup>2</sup> /l)	1	2	1.5

Technical Features (@ 23°C and 50% RH)

### APPLICATION DATA

Temperature	:	+5°C to +35°C
Drying Time	:	Surface dry after 24 hours and thoroughly dry after 2-3 days.
Consumption	:	2.5 - 3.0 kg/m <sup>2</sup>
Composition	:	Acrylic emulsion based.
Application Tools	:	Stainless Steel trowel.
Shelf Life	:	12 months in original sealed packing & in dry environment

### PERFORMANCE DATA:

Water Vapour Permeability SD (m)	EN ISO 7783-2	:	Approx. 0.15
Water Absorption (kg/m <sup>2</sup> h0.5)	EN 1082 -3	:	0.10 – 0.15
Peeling Strength (KgF)	AFNOR T30706	:	> 2.5
Service Temperature	°C	:	-30 to +80

### APPLICATION INSTRUCTIONS

- The substrate must be cleaned from dust, dirt, oil and old blistered coatings that may prevent good adhesion.
- The surface should be made sound, clean and dry.
- New cementitious substrates must be cured at least 28 days before application.
- All water insulation precautions should have been taken prior to application.
- Prime the surface with Isoflex – FCW in the same color shade of the plaster.

- Mix Isoflex-MCP thoroughly until it gets homogeneous.
- Spread Isoflex-MCP evenly on the surface in the same thickness of the marble chips by using a stainless steel trowel.
- Ensure that the air and surface temperature are above 5°C and the surface is rain free during application and 24 hours following the application.
- Do not apply in extremely hot weather, under glaring sun, during strong wind, fog, high relative humidity, imminent rain or frost.
- Hot surfaces should be dampened before application.
- In order to avoid color shade differences products with the same batch number should be used. In the event products with different batch numbers are to be used, the entire required amount should be mixed prior to application.
- In order to avoid overlapping in large areas or after work pauses, masking tape should be used or an adequate number of applicators apply the plaster wet-on-wet without interruptions.

**Clean Up:** Wash tools with soap and water. During work, place tools in water when not in use.

**Precautions:** Fire hazards are eliminated since ISOFLEX - FCW is water-based and does not contain combustible or flammable solvents. Respiratory protection is not required during normal use and handling. Please refer to the Material Safety Data Sheet for more detailed information.

#### STORAGE

In a dry covered area at a temperature not lower than 5°C centigrade & not exceeding 35°C, in original sealed packing.

#### AVAILABILITY

ISOFLEX - MCP is available in 25 Kg containers to approved applicators throughout Lebanon & Middle East countries. Contact Société Raymond Barakeh SAL Ph. 00961 1 690594 for a sales representative in your area.

#### TECHNICAL SERVICE

Technical service engineers and chemists are available to answer questions on product performance, application methods and chemical composition.

#### Warnings

*	S2	Keep out of the reach of children.
*	S24/25	Avoid contact with skin and eyes.
*	S46	If swallowed, seek medical advice.

