

# MC SportsCoat M

## High-performance, UV-stable, pigmented acrylic coating

### Product Properties

- Single-component, UV-stable, pigmented acrylic coating for use in sport areas
- Low VOC, odorless and no fire hazards
- Anti-skid and matt finish offering versatility in performance and aesthetics
- Contains fine graded aggregates to provide even texture finish and consistent speed of play
- Periodical water-contact

### Areas of Application

- Tennis court, basketball court and other sport areas
- Multi-purpose pavement surfaces
- Corridors and ramps open to foot traffic
- Coating for mineral-based and asphalt-based substrates

### Application

#### Substrate Preparation/ Mixing

See leaflets "General Application Advice":  
"MC-Industrial Floors - Substrate and Substrate Preparation" and "Reactive Resins".

It is ready to use. Stir the material with slowly rotating mechanical mixers for at least 15 seconds to ensure the settled fine aggregates are mixed.

1<sup>st</sup> coat can be thinned with 10% clean water (optional).  
2<sup>nd</sup> coat is advised not to be thinned.

#### Priming

Use MC SportsCoat Base, please refer to technical data sheet "MC SportsCoat Base".

#### Application

Apply MC SportsCoat M with flexible rubber squeegees. Spread the mixed material in "windrow" form onto the prepared substrate and even quickly using the squeegees.

Good ventilation must be maintained throughout the drying and curing period. Do not apply when the temperature is above 40°C, rain or mist is imminent. For exterior application, best result is achieved when the material is applied either early morning or evening.

#### General Information

Coverage rate is dependent on texture, temperature and porosity of the substrate as well as product storage and workability temperature. To determine this exactly, a sample should be laid and coverage noted. Higher temperatures shorten while lower temperatures lengthen the pot life. The general rule of thumb is that a temperature change of  $\pm 10^{\circ}\text{C}$  either halves or doubles the pot life respectively.

Coating materials may contain raw materials and pigments of natural resources. Therefore, colour variations between different batches are possible. For adjoining areas we recommend to use products from the same batch. The batch number is indicated on the label of the base component. For later orders for the same site please indicate the batch number when ordering new material.

Exposure to chemicals and UV-light may cause colour changes, which usually do not affect the properties and usability of the coating.

Mechanically and chemically exposed surfaces are subject to wear and tear. Regular check-ups and continuous maintenance are advised.

### Technical Data for MC SportsCoat M

Characteristics	Unit	Value	Comments
Density	g/cm <sup>3</sup>	approx. 1.050	-
Solids content	%	approx. 70	-
Touch dry	minutes	approx. 60	at 20°C and 50% relative humidity
Resistance to foot traffic after...	hours	approx. 6	at 20°C and 50% relative humidity
Time until full resistance	days	3	at 20°C and 50% relative humidity
Application conditions	°C	> 10 - < 40	air, material and substrate temperature
	%	< 85	relative humidity
	K	> 3	above dew point
Coverage	kg/m <sup>2</sup>	0.350 - 0.400	per work step

### Product Characteristics for MC SportsCoat M

Cleaning agent	Water
Colour	Approx. to RAL-colours range; further colours on request.
Delivery	20 kg pack
Storage	Can be stored in cool (> 5°C - < 25 °C) and dry conditions for at least 12 months in original unopened packs. Protect from frost!
Disposal	In the interest of the environment, please empty all packs completely & in accordance with local regulations.

### Safety Advice

Please take notice of the safety information and advice given on the packaging labels and safety information sheets and please take notice of the leaflet "Safety Measures for Handling Coating Materials and Reactive Resins".

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

**Edition 03/20.** Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.